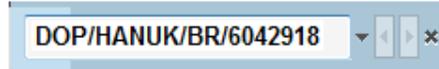


Thank you for downloading our CE certification for Clay Bricks. You can find the appropriate certificate in two simple steps:



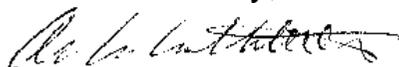
1. First, press your  +  buttons to bring up the search box.

2. Next type in the Product name or DoP number into the search box  and press enter.

For Special Shapes and “Selected” classification products, the certification for the base product should be utilised.

Note, this file contains many pages, if you choose to print the certificates, remember to only print the page that you require and not the entire catalogue. For further assistance please contact our Technical Centre on 0330 123 1018.

Yours sincerely,



Carl Cuthbert  
Head of Quality and Clay Services  
Hanson Building Products



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**FULWOOD MULTI**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6152013

## Declaration of Performance

DOP/HANUK/BR/6152013

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**FULWOOD MULTI**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

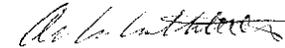
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HOLLINS RUSSETT**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6152419

**Declaration of Performance**

DOP/HANUK/BR/6152419

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HOLLINS RUSSETT**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

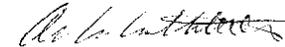
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**FARMSTEAD ANTIQUE**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6166010

**Declaration of Performance**

**DOP/HANUK/BR/6166010**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**FARMSTEAD ANTIQUE**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

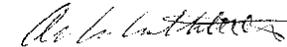
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HARTHILL RED**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 468

**See Also Declaration of Performance DOP/HANUK/BR/6152310**

**Declaration of Performance**

**DOP/HANUK/BR/6152310**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HARTHILL RED**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

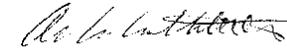
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HERITAGE RUSSET MIXTURE**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6513418

**Declaration of Performance**

**DOP/HANUK/BR/6513418**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HERITAGE RUSSET MIXTURE**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

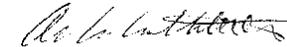
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LANGWITH RED RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6162111

**Declaration of Performance**

DOP/HANUK/BR/6162111

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LANGWITH RED RUSTIC**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

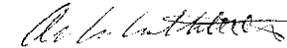
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MEADOW RED**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6165617

**Declaration of Performance**

DOP/HANUK/BR/6165617

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MEADOW RED**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

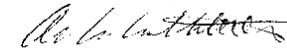
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ST ANNES RED SMOOTH 75mm**

**06**

Category II, HD, 215 x 102.5 x 75mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.71 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3. kg  
Bricks per pack: 396

See Also Declaration of Performance DOP/HANUK/BR/6151917

## Declaration of Performance

DOP/HANUK/BR/6151917

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ST ANNES RED SMOOTH 75mm**

Manufacturing Plant: **ACCRINGTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 75mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.71 W/m.K [ $\lambda_{10,dry}$ ]

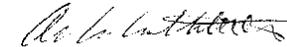
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ACCRINGTON CLASS B ENGINEERING 65mm**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6005517

**Declaration of Performance**

DOP/HANUK/BR/6005517

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ACCRINGTON CLASS B ENGINEERING 65mm**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

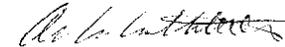
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ACCRINGTON CLASS B ENGINEERING 75mm**

**15**

Category II, HD, 215 x 102.5 x 75mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3. kg  
Bricks per pack: 396

See Also Declaration of Performance DOP/HANUK/BR/6005579

**Declaration of Performance**

**DOP/HANUK/BR/6005579**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ACCRINGTON CLASS B ENGINEERING 75mm**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 75mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

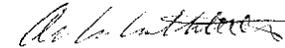
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ACCRINGTON CLASS B ENG SOLID 65mm**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 2150 kg/m<sup>3</sup> (D1)

**Configuration:** Solid

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.3 kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6005555

**Declaration of Performance**

**DOP/HANUK/BR/6005555**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ACCRINGTON CLASS B ENG SOLID 65mm**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 2150 kg/m<sup>3</sup> (D1)

**Configuration:** Solid

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

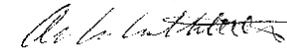
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RUSSET MIXTURE**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6167819

## Declaration of Performance

DOP/HANUK/BR/6167819

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RUSSET MIXTURE**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

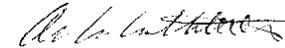
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**WOODSIDE MIXTURE**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6165914

**Declaration of Performance**

DOP/HANUK/BR/6165914

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**WOODSIDE MIXTURE**

Manufacturing Plant: **ACCRINGTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

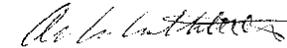
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ANTIQUE BROWN RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6018517

**Declaration of Performance**

DOP/HANUK/BR/6018517

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ANTIQUE BROWN RUSTIC**

Manufacturing Plant: **CLAUGHTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

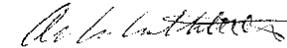
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BRAEMAR RED RUSTIC**

**14**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6029018

**Declaration of Performance**

**DOP/HANUK/BR/6029018**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BRAEMAR RED RUSTIC**

Manufacturing Plant: **CLAUGHTON**

**14**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

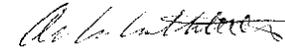
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LAGGAN MIXTURE**

**14**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6026116

## Declaration of Performance

DOP/HANUK/BR/6026116

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LAGGAN MIXTURE**

Manufacturing Plant: **CLAUGHTON**

**14**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

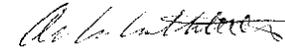
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LANCASTER GREY RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6016612

**Declaration of Performance**

DOP/HANUK/BR/6016612

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LANCASTER GREY RUSTIC**

Manufacturing Plant: **CLAUGHTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

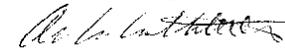
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LOCHABER RED BLEND**

**08**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.68 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.25kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6025515

## Declaration of Performance

DOP/HANUK/BR/6025515

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LOCHABER RED BLEND**

Manufacturing Plant: **CLAUGHTON**

**08**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.68 W/m.K [ $\lambda_{10,dry}$ ]

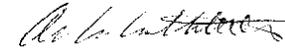
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MORAY RED MIXTURE**

**14**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6026314

## Declaration of Performance

DOP/HANUK/BR/6026314

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MORAY RED MIXTURE**

Manufacturing Plant: **CLAUGHTON**

**14**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

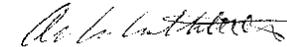
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**NATURAL RED RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6016414

## Declaration of Performance

DOP/HANUK/BR/6016414

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**NATURAL RED RUSTIC**

Manufacturing Plant: **CLAUGHTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

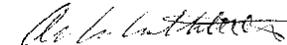
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OCHRE RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

**See Also Declaration of Performance DOP/HANUK/BR/6016810**

**Declaration of Performance**

**DOP/HANUK/BR/6016810**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OCHRE RUSTIC**

Manufacturing Plant: **CLAUGHTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

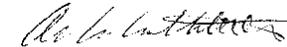
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OLD TRAFFORD RED**

**14**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6019613

## Declaration of Performance

DOP/HANUK/BR/6019613

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OLD TRAFFORD RED**

Manufacturing Plant: **CLAUGHTON**

**14**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

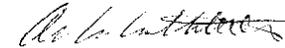
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RANNOCH MULTI RED**

**14**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6076715

**Declaration of Performance**

DOP/HANUK/BR/6076715

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RANNOCH MULTI RED**

Manufacturing Plant: **CLAUGHTON**

**14**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

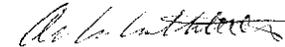
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**VICTORIAN MIXTURE**

**14**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6014311

## Declaration of Performance

DOP/HANUK/BR/6014311

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**VICTORIAN MIXTURE**

Manufacturing Plant: **CLAUGHTON**

**14**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

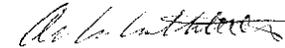
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**WENTWORTH MIXTURE**

**14**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6017923

**Declaration of Performance**

DOP/HANUK/BR/6017923

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**WENTWORTH MIXTURE**

Manufacturing Plant: **CLAUGHTON**

**14**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

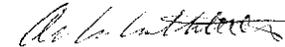
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BRAEMAR BUFF RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6025911

## Declaration of Performance

DOP/HANUK/BR/6025911

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BRAEMAR BUFF RUSTIC**

Manufacturing Plant: **CLAUGHTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

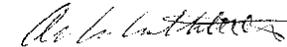
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CALDERDALE STRAW RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

**See Also Declaration of Performance DOP/HANUK/BR/6015011**

**Declaration of Performance**

**DOP/HANUK/BR/6015011**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CALDERDALE STRAW RUSTIC**

Manufacturing Plant: **CLAUGHTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

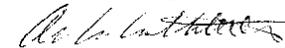
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CUMBRIA BUFF RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6018715

**Declaration of Performance**

DOP/HANUK/BR/6018715

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CUMBRIA BUFF RUSTIC**

Manufacturing Plant: **CLAUGHTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

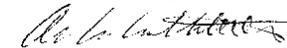
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**INGLEBOROUGH BUFF MULTI**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

**See Also Declaration of Performance DOP/HANUK/BR/6028813**

**Declaration of Performance**

**DOP/HANUK/BR/6028813**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**INGLEBOROUGH BUFF MULTI**

Manufacturing Plant: **CLAUGHTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

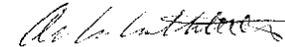
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MURRAYFIELD BUFF MULTI RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6027021

**Declaration of Performance**

**DOP/HANUK/BR/6027021**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MURRAYFIELD BUFF MULTI RUSTIC**

Manufacturing Plant: **CLAUGHTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

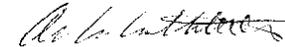
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**TORRIDON BUFF MULTI**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.35kg  
Bricks per pack: 520

See Also Declaration of Performance DOP/HANUK/BR/6026512

**Declaration of Performance**

DOP/HANUK/BR/6026512

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**TORRIDON BUFF MULTI**

Manufacturing Plant: **CLAUGHTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.72 W/m.K [ $\lambda_{10,dry}$ ]

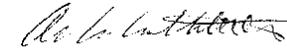
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CARNFORTH SMOOTH CREAM**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1630 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.68 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.3 kg  
Bricks per pack: 475

See Also Declaration of Performance DOP/HANUK/BR/6012911

## Declaration of Performance

DOP/HANUK/BR/6012911

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CARNFORTH SMOOTH CREAM**

Manufacturing Plant: **CLAUGHTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1630 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.68 W/m.K [ $\lambda_{10,dry}$ ]

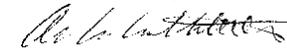
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**KENDAL CREAM DRAGFACED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1630 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.68 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.3 kg  
Bricks per pack: 475

See Also Declaration of Performance DOP/HANUK/BR/6012812

**Declaration of Performance**

**DOP/HANUK/BR/6012812**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**KENDAL CREAM DRAGFACED**

Manufacturing Plant: **CLAUGHTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1630 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.68 W/m.K [ $\lambda_{10,dry}$ ]

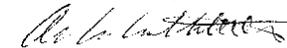
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ASHBY LIGHT BUFF**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6042215

## Declaration of Performance

DOP/HANUK/BR/6042215

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ASHBY LIGHT BUFF**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

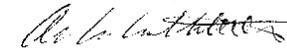
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BECKTON YELLOW MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6040914

## Declaration of Performance

DOP/HANUK/BR/6040914

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BECKTON YELLOW MULTI**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

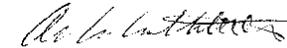
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BOSWORTH CREAM**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6001816

**Declaration of Performance**

DOP/HANUK/BR/6001816

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BOSWORTH CREAM**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

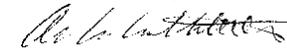
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BUILD CENTER BUFF**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6059619

## Declaration of Performance

DOP/HANUK/BR/6059619

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BUILD CENTER BUFF**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

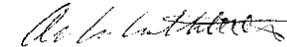
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BURWELL BUFF**

**14**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6023115

## Declaration of Performance

DOP/HANUK/BR/6023115

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BURWELL BUFF**

Manufacturing Plant: **DESFORD**

**14**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

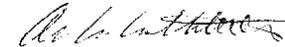
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CEDAR GOLD**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6004015

## Declaration of Performance

DOP/HANUK/BR/6004015

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CEDAR GOLD**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

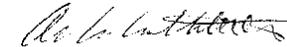
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTRYSIDE MULTI BUFF**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** VerticallyPerforated 18-25% VOIDS

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6005616

## Declaration of Performance

DOP/HANUK/BR/6005616

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTRYSIDE MULTI BUFF**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** VerticallyPerforated 18-25% VOIDS

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

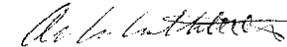
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ELGIN BUFF**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1380 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6006613

## Declaration of Performance

DOP/HANUK/BR/6006613

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ELGIN BUFF**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1380 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

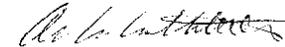
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HARBOROUGH BUFF MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6041119

**Declaration of Performance**

DOP/HANUK/BR/6041119

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HARBOROUGH BUFF MULTI**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

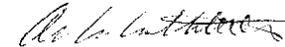
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HENLEY YELLOW**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6035613

## Declaration of Performance

DOP/HANUK/BR/6035613

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HENLEY YELLOW**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

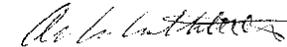
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LEICESTERSHIRE RUSSET MIXTURE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6009614

**Declaration of Performance**

DOP/HANUK/BR/6009614

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LEICESTERSHIRE RUSSET MIXTURE**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

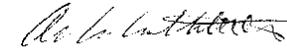
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OLD ENGLISH BUFF MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6017015

## Declaration of Performance

DOP/HANUK/BR/6017015

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OLD ENGLISH BUFF MULTI**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

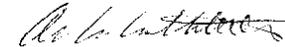
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OLD ENGLISH RUSSET**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6004718

## Declaration of Performance

DOP/HANUK/BR/6004718

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OLD ENGLISH RUSSET**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-23% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

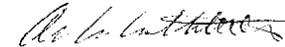
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**STIRLING BUFF MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1380 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6006514

## Declaration of Performance

DOP/HANUK/BR/6006514

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**STIRLING BUFF MULTI**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1380 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

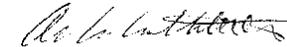
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**VILLAGE GOLDEN THATCH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

**See Also Declaration of Performance DOP/HANUK/BR/6035620**

**Declaration of Performance**

**DOP/HANUK/BR/6035620**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**VILLAGE GOLDEN THATCH**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

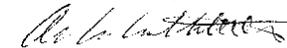
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**VILLAGE HARVEST MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6035217

## Declaration of Performance

DOP/HANUK/BR/6035217

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**VILLAGE HARVEST MULTI**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

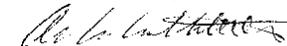
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**WALTHAM MULTI BUFF RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6016117

**Declaration of Performance**

DOP/HANUK/BR/6016117

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**WALTHAM MULTI BUFF RUSTIC**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

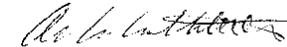
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**WELFORD BUFF MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6002011

## Declaration of Performance

DOP/HANUK/BR/6002011

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**WELFORD BUFF MULTI**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

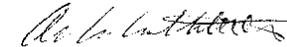
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**YORKSHIRE MULTI BUFF**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6009515

## Declaration of Performance

DOP/HANUK/BR/6009515

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**YORKSHIRE MULTI BUFF**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

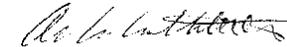
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MALLORY BUFF MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1240 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.8 kg  
Bricks per pack: 500

**See Also Declaration of Performance DOP/HANUK/BR/6010917**

**Declaration of Performance**

**DOP/HANUK/BR/6010917**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MALLORY BUFF MULTI**

Manufacturing Plant: **DESFORD**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1240 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

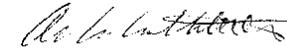
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**GOLDEN MULTIRUF**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6016919

## Declaration of Performance

DOP/HANUK/BR/6016919

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**GOLDEN MULTIRUF**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

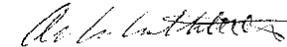
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SANDSTONE MIXTURE**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.9 kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6015912

**Declaration of Performance**

DOP/HANUK/BR/6015912

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SANDSTONE MIXTURE**

Manufacturing Plant: **DESFORD**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1310 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

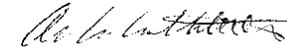
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ARDEN SPECIAL RESERVE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6010115

**Declaration of Performance**

DOP/HANUK/BR/6010115

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ARDEN SPECIAL RESERVE**

Manufacturing Plant: **DES福德**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

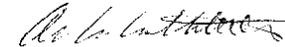
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ARLESTON RED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

**See Also Declaration of Performance DOP/HANUK/BR/6022811**

## Declaration of Performance

DOP/HANUK/BR/6022811

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ARLESTON RED**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

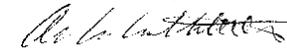
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ARLESTON RED MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

**See Also Declaration of Performance DOP/HANUK/BR/6022910**

**Declaration of Performance**

**DOP/HANUK/BR/6022910**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ARLESTON RED MULTI**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

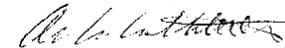
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BARWELL RED**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6023016

## Declaration of Performance

DOP/HANUK/BR/6023016

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BARWELL RED**

Manufacturing Plant: **DESFORD**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

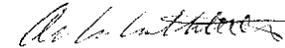
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BOWDEN RED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

**See Also Declaration of Performance DOP/HANUK/BR/6054119**

## Declaration of Performance

DOP/HANUK/BR/6054119

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BOWDEN RED**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

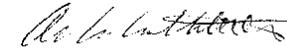
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CADEBY RED MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6003117

## Declaration of Performance

DOP/HANUK/BR/6003117

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CADEBY RED MULTI**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

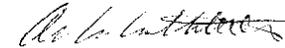
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CHESHIRE RED MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6008617

**Declaration of Performance**

DOP/HANUK/BR/6008617

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CHESHIRE RED MULTI**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

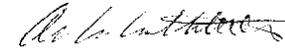
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CROXDEN MULTI RED RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6016216

**Declaration of Performance**

DOP/HANUK/BR/6016216

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CROXDEN MULTI RED RUSTIC**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

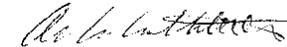
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**KIRBY RED MULTI**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6010214

## Declaration of Performance

DOP/HANUK/BR/6010214

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**KIRBY RED MULTI**

Manufacturing Plant: **DESFORD**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

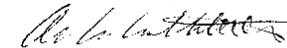
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OLD ENGLISH BRINDLED RED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6008815

**Declaration of Performance**

DOP/HANUK/BR/6008815

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OLD ENGLISH BRINDLED RED**

Manufacturing Plant: **DESFORD**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

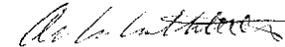
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**WORCESTERSHIRE RED MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6008419

**Declaration of Performance**

**DOP/HANUK/BR/6008419**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**WORCESTERSHIRE RED MULTI**

Manufacturing Plant: **DES福德**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 40 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1410 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-25% Voids

**Equivalent thermal conductivity:** 0.58 W/m.K [ $\lambda_{10,dry}$ ]

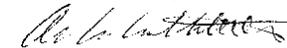
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ABBEY BLEND**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6153911

**Declaration of Performance**

DOP/HANUK/BR/6153911

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ABBEY BLEND**

Manufacturing Plant: **HOWLEY PARK**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

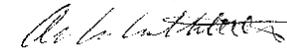
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**AIREDALE MULTI DRAGFACED**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6154710

**Declaration of Performance**

**DOP/HANUK/BR/6154710**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**AIREDALE MULTI DRAGFACED**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

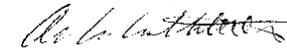
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ABBEY BUFF MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6166515

**Declaration of Performance**

DOP/HANUK/BR/6166515

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ABBEY BUFF MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

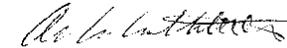
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ABBEY RED MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6166119

## Declaration of Performance

DOP/HANUK/BR/6166119

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ABBEY RED MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

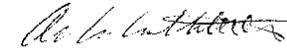
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ABBEY RED MIXTURE**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6167710

**Declaration of Performance**

DOP/HANUK/BR/6167710

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ABBEY RED MIXTURE**

Manufacturing Plant: **HOWLEY PARK**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

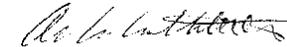
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BRANSDALE MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6154819

**Declaration of Performance**

DOP/HANUK/BR/6154819

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BRANSDALE MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

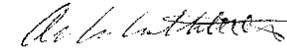
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BRECKLAND MULTI RESERVE**

**10**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6166713

## Declaration of Performance

DOP/HANUK/BR/6166713

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BRECKLAND MULTI RESERVE**

Manufacturing Plant: **HOWLEY PARK**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

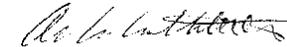
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BURTONWOOD RED**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6153317

## Declaration of Performance

DOP/HANUK/BR/6153317

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BURTONWOOD RED**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

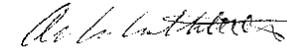
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CHATSWORTH MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6154017

## Declaration of Performance

DOP/HANUK/BR/6154017

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CHATSWORTH MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

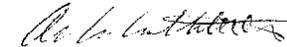
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CHIDWELL MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6154116

**Declaration of Performance**

DOP/HANUK/BR/6154116

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CHIDWELL MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

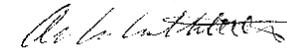
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CITY MULTI SMOOTH 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.7 kg  
Bricks per pack: 416

See Also Declaration of Performance DOP/HANUK/BR/6159654

## Declaration of Performance

DOP/HANUK/BR/6159654

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CITY MULTI SMOOTH 73mm**

Manufacturing Plant: **HOWLEY PARK**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

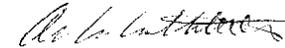
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CROWHURST MULTI RESERVE**

**10**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6167413

**Declaration of Performance**

DOP/HANUK/BR/6167413

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CROWHURST MULTI RESERVE**

Manufacturing Plant: **HOWLEY PARK**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

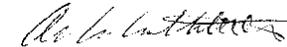
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**FARMHOUSE BROWN SANDFACED RESERVE**

**10**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6167116

**Declaration of Performance**

DOP/HANUK/BR/6167116

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**FARMHOUSE BROWN SANDFACED RESERVE**

Manufacturing Plant: **HOWLEY PARK**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

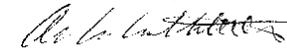
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**GOLDEN BROWN SANDFACED RESERVE**

**10**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6166911

**Declaration of Performance**

DOP/HANUK/BR/6166911

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**GOLDEN BROWN SANDFACED RESERVE**

Manufacturing Plant: **HOWLEY PARK**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

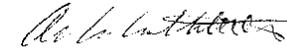
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HEATHER MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6153515

**Declaration of Performance**

DOP/HANUK/BR/6153515

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HEATHER MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

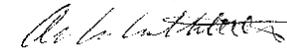
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LANGDALE MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6154918

## Declaration of Performance

DOP/HANUK/BR/6154918

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LANGDALE MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

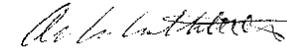
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OLD MILL SUNSET**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6161329

## Declaration of Performance

DOP/HANUK/BR/6161329

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OLD MILL SUNSET**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

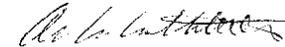
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**QUEENS BLEND**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6155014

## Declaration of Performance

DOP/HANUK/BR/6155014

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**QUEENS BLEND**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

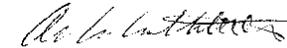
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ROCHESTER BLEND RESERVE**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6156929

## Declaration of Performance

DOP/HANUK/BR/6156929

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ROCHESTER BLEND RESERVE**

Manufacturing Plant: **HOWLEY PARK**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

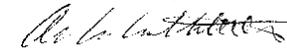
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SOUTH DOWN MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6154314

**Declaration of Performance**

DOP/HANUK/BR/6154314

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SOUTH DOWN MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

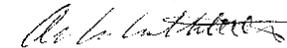
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**WOODSTOCK BLEND RESERVE**

**10**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6166812

**Declaration of Performance**

DOP/HANUK/BR/6166812

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**WOODSTOCK BLEND RESERVE**

Manufacturing Plant: **HOWLEY PARK**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

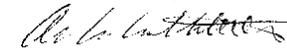
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BECKINGHAM RED MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6076821

## Declaration of Performance

DOP/HANUK/BR/6076821

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BECKINGHAM RED MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

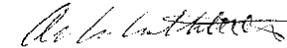
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HOWLEY PARK CLASS B ENG 65mm**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6005524

**Declaration of Performance**

DOP/HANUK/BR/6005524

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HOWLEY PARK CLASS B ENG 65mm**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

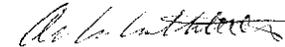
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RED DRAGFACED**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6164214

## Declaration of Performance

DOP/HANUK/BR/6164214

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RED DRAGFACED**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

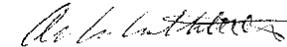
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MANDARIN MIXTURE RESERVE**

**10**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6044912

## Declaration of Performance

DOP/HANUK/BR/6044912

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MANDARIN MIXTURE RESERVE**

Manufacturing Plant: **HOWLEY PARK**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

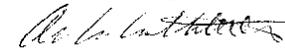
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**FARMHOUSE BROWN SANDFACED RESERVE 73mm**

**10**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.7 kg  
Bricks per pack: 416

See Also Declaration of Performance DOP/HANUK/BR/6167215

**Declaration of Performance**

DOP/HANUK/BR/6167215

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**FARMHOUSE BROWN SANDFACED RESERVE 73mm**

Manufacturing Plant: **HOWLEY PARK**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

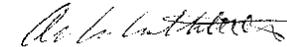
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**GOLDEN BROWN SANDFACED RESERVE 73mm**

**10**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.7 kg  
Bricks per pack: 416

See Also Declaration of Performance DOP/HANUK/BR/6167017

**Declaration of Performance**

DOP/HANUK/BR/6167017

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**GOLDEN BROWN SANDFACED RESERVE 73mm**

Manufacturing Plant: **HOWLEY PARK**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

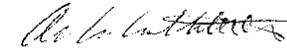
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ROCHESTER BLEND RESERVE 73mm**

**10**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.7 kg  
Bricks per pack: 416

See Also Declaration of Performance DOP/HANUK/BR/6167314

**Declaration of Performance**

DOP/HANUK/BR/6167314

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ROCHESTER BLEND RESERVE 73mm**

Manufacturing Plant: **HOWLEY PARK**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

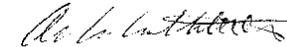
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LINCOLN RED**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.3 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6153614

## Declaration of Performance

DOP/HANUK/BR/6153614

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LINCOLN RED**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

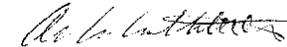
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**YORKSHIRE RED BLEND**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 60 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 8 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.3 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6153812

**Declaration of Performance**

DOP/HANUK/BR/6153812

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**YORKSHIRE RED BLEND**

Manufacturing Plant: **HOWLEY PARK**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 60 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 8 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1600 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

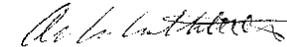
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CAMBRIDGE BURWELL WHITE**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 9 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6153416

## Declaration of Performance

DOP/HANUK/BR/6153416

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CAMBRIDGE BURWELL WHITE**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 9 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

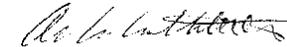
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**KINGSWOOD BUFF MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 9 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6154215

## Declaration of Performance

DOP/HANUK/BR/6154215

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**KINGSWOOD BUFF MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 9 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

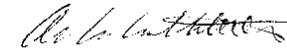
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**NORFOLK BUFF MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 9 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6153713

## Declaration of Performance

DOP/HANUK/BR/6153713

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**NORFOLK BUFF MULTI**

Manufacturing Plant: **HOWLEY PARK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 9 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1650 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 24-29% Voids

**Equivalent thermal conductivity:** 0.69 W/m.K [ $\lambda_{10,dry}$ ]

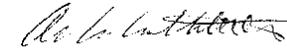
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CUMBRIAN RED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 18 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1350 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 468

**See Also Declaration of Performance DOP/HANUK/BR/6040716**

## Declaration of Performance

DOP/HANUK/BR/6040716

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CUMBRIAN RED**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 18 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1350 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

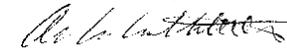
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MALLARD BLEND**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 18 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1350 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6046817

## Declaration of Performance

DOP/HANUK/BR/6046817

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MALLARD BLEND**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 18 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1350 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

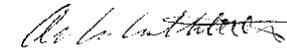
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**NIGHTINGALE BLEND**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 18 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1350 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6047012

## Declaration of Performance

DOP/HANUK/BR/6047012

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**NIGHTINGALE BLEND**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 18 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1350 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

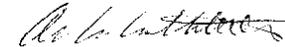
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**NORTHUMBRIAN DARK BLEND**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 18 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1350 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6040815

## Declaration of Performance

DOP/HANUK/BR/6040815

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**NORTHUMBRIAN DARK BLEND**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 18 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1350 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

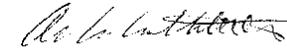
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**TEAL MIXTURE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 18 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1350 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2. kg  
Bricks per pack: 468

**See Also Declaration of Performance DOP/HANUK/BR/6045810**

## Declaration of Performance

DOP/HANUK/BR/6045810

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**TEAL MIXTURE**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 18 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1350 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.52 W/m.K [ $\lambda_{10,dry}$ ]

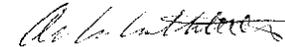
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ANGLIAN LIGHT BLEND**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1320 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.50 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6040617

**Declaration of Performance**

DOP/HANUK/BR/6040617

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ANGLIAN LIGHT BLEND**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1320 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.50 W/m.K [ $\lambda_{10,dry}$ ]

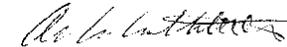
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CYGNET BLEND**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1320 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.50 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 468

**See Also Declaration of Performance DOP/HANUK/BR/6046718**

## Declaration of Performance

DOP/HANUK/BR/6046718

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CYGNET BLEND**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1320 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.50 W/m.K [ $\lambda_{10,dry}$ ]

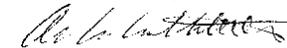
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**KELLOWAY YELLOW BLEND**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1320 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.50 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6041515

**Declaration of Performance**

DOP/HANUK/BR/6041515

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**KELLOWAY YELLOW BLEND**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1320 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 15-20% Voids

**Equivalent thermal conductivity:** 0.50 W/m.K [ $\lambda_{10,dry}$ ]

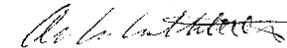
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HARROW RED MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6042949

**Declaration of Performance**

**DOP/HANUK/BR/6042949**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HARROW RED MULTI**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

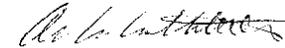
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HENDON BLEND**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6035422

## Declaration of Performance

DOP/HANUK/BR/6035422

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HENDON BLEND**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

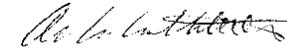
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HERITAGE AUTUMN RED**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6512817

## Declaration of Performance

DOP/HANUK/BR/6512817

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HERITAGE AUTUMN RED**

Manufacturing Plant: **KIRTON**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

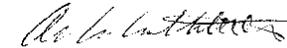
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**KIMBOLTON RED MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

**See Also Declaration of Performance DOP/HANUK/BR/6042918**

**Declaration of Performance**

**DOP/HANUK/BR/6042918**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**KIMBOLTON RED MULTI**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

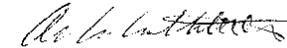
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**KIRTON AUTUMN RED**

**11**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6512824

## Declaration of Performance

DOP/HANUK/BR/6512824

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**KIRTON AUTUMN RED**

Manufacturing Plant: **KIRTON**

**11**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

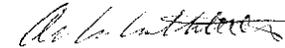
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**NEWSTEAD RED MULTI**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6002219

**Declaration of Performance**

DOP/HANUK/BR/6002219

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**NEWSTEAD RED MULTI**

Manufacturing Plant: **KIRTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

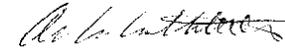
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RUFFORD RED MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

**See Also Declaration of Performance DOP/HANUK/BR/6010610**

## Declaration of Performance

DOP/HANUK/BR/6010610

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RUFFORD RED MULTI**

Manufacturing Plant: **KIRTON**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

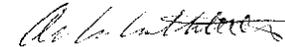
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SHERWOOD BUFF MIXTURE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6002622

## Declaration of Performance

DOP/HANUK/BR/6002622

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SHERWOOD BUFF MIXTURE**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

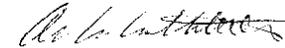
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SHERWOOD RED MIXTURE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6007023

**Declaration of Performance**

**DOP/HANUK/BR/6007023**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SHERWOOD RED MIXTURE**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

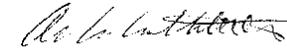
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SOUTHWELL RED**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6003513

## Declaration of Performance

DOP/HANUK/BR/6003513

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SOUTHWELL RED**

Manufacturing Plant: **KIRTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

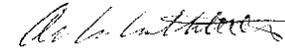
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**THORESBY RED MULTI**

**08**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6036115

## Declaration of Performance

DOP/HANUK/BR/6036115

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**THORESBY RED MULTI**

Manufacturing Plant: **KIRTON**

**08**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

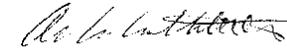
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**VILLAGE RUSSET RED MIXTURE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6030816

## Declaration of Performance

DOP/HANUK/BR/6030816

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**VILLAGE RUSSET RED MIXTURE**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

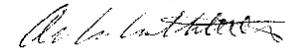
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**VILLAGE SUNGLOW**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6035415

**Declaration of Performance**

DOP/HANUK/BR/6035415

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**VILLAGE SUNGLOW**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 15 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

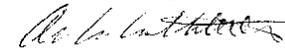
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BURGHLEY RED RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1570 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.60 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6002127

**Declaration of Performance**

DOP/HANUK/BR/6002127

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BURGHLEY RED RUSTIC**

Manufacturing Plant: **KIRTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1570 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.60 W/m.K [ $\lambda_{10,dry}$ ]

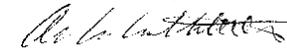
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**NOTTINGHAM RED RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1570 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.60 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6001922

**Declaration of Performance**

**DOP/HANUK/BR/6001922**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**NOTTINGHAM RED RUSTIC**

Manufacturing Plant: **KIRTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1570 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.60 W/m.K [ $\lambda_{10,dry}$ ]

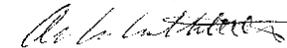
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OLD ENGLISH ROSE RUSTIC**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1570 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.60 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6008112

**Declaration of Performance**

DOP/HANUK/BR/6008112

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OLD ENGLISH ROSE RUSTIC**

Manufacturing Plant: **KIRTON**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1570 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.60 W/m.K [ $\lambda_{10,dry}$ ]

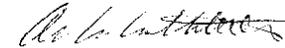
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BROWN RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 19 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-16% Voids

**Equivalent thermal conductivity:** 0.55 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6003612

## Declaration of Performance

DOP/HANUK/BR/6003612

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BROWN RUSTIC**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 19 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-16% Voids

**Equivalent thermal conductivity:** 0.55 W/m.K [ $\lambda_{10,dry}$ ]

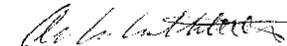
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OLD ENGLISH MIXTURE RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 19 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-16% Voids

**Equivalent thermal conductivity:** 0.55 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

**See Also Declaration of Performance DOP/HANUK/BR/6003018**

**Declaration of Performance**

**DOP/HANUK/BR/6003018**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OLD ENGLISH MIXTURE RUSTIC**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 19 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-16% Voids

**Equivalent thermal conductivity:** 0.55 W/m.K [ $\lambda_{10,dry}$ ]

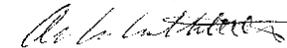
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CHARNWOOD NATURAL**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6015721

## Declaration of Performance

DOP/HANUK/BR/6015721

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CHARNWOOD NATURAL**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

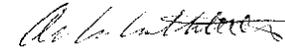
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CLUMBER RED**

**08**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6036313

## Declaration of Performance

DOP/HANUK/BR/6036313

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CLUMBER RED**

Manufacturing Plant: **KIRTON**

**08**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

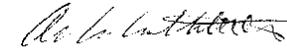
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CLUMBER RED MIXTURE**

**08**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6036412

**Declaration of Performance**

DOP/HANUK/BR/6036412

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CLUMBER RED MIXTURE**

Manufacturing Plant: **KIRTON**

**08**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

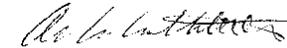
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**VILLAGE HONEY GOLD**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6035514

## Declaration of Performance

DOP/HANUK/BR/6035514

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**VILLAGE HONEY GOLD**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 17 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

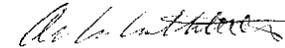
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ASHWELL YELLOW MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

**See Also Declaration of Performance DOP/HANUK/BR/6045421**

## Declaration of Performance

DOP/HANUK/BR/6045421

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ASHWELL YELLOW MULTI**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

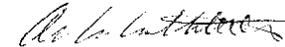
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HERITAGE AUTUMN BUFF**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6513210

**Declaration of Performance**

**DOP/HANUK/BR/6513210**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HERITAGE AUTUMN BUFF**

Manufacturing Plant: **KIRTON**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

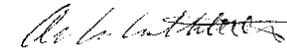
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LINDUM BARLEY MIXTURE**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6013017

**Declaration of Performance**

DOP/HANUK/BR/6013017

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LINDUM BARLEY MIXTURE**

Manufacturing Plant: **KIRTON**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

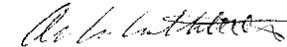
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LINDUM WEALDSTONE MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6011518

**Declaration of Performance**

DOP/HANUK/BR/6011518

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LINDUM WEALDSTONE MULTI**

Manufacturing Plant: **KIRTON**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

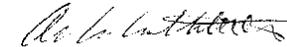
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MELFORD YELLOW**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6040228

## Declaration of Performance

DOP/HANUK/BR/6040228

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MELFORD YELLOW**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

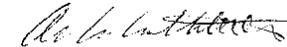
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**VILLAGE GREYSTONE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.15kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6035316

## Declaration of Performance

DOP/HANUK/BR/6035316

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**VILLAGE GREYSTONE**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1520 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

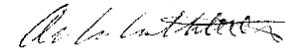
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CHATSWORTH GREY RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 26 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1370 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-16% Voids

**Equivalent thermal conductivity:** 0.47 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6001717

**Declaration of Performance**

DOP/HANUK/BR/6001717

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CHATSWORTH GREY RUSTIC**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 26 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1370 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-16% Voids

**Equivalent thermal conductivity:** 0.47 W/m.K [ $\lambda_{10,dry}$ ]

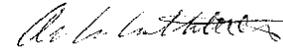
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**EDWARDIAN DRAGFACED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

**See Also Declaration of Performance DOP/HANUK/BR/6035811**

## Declaration of Performance

DOP/HANUK/BR/6035811

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**EDWARDIAN DRAGFACED**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

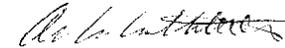
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LINDUM COTTAGE RED MULTI**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6013215

## Declaration of Performance

DOP/HANUK/BR/6013215

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LINDUM COTTAGE RED MULTI**

Manufacturing Plant: **KIRTON**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

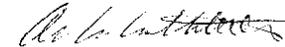
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LINDUM RED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6020626

## Declaration of Performance

DOP/HANUK/BR/6020626

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LINDUM RED**

Manufacturing Plant: **KIRTON**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 14 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1530 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 13-25% Voids

**Equivalent thermal conductivity:** 0.59 W/m.K [ $\lambda_{10,dry}$ ]

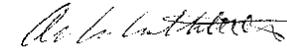
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CLUMBER BUFF**

**08**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1430 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

**See Also Declaration of Performance DOP/HANUK/BR/6038812**

## Declaration of Performance

DOP/HANUK/BR/6038812

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CLUMBER BUFF**

Manufacturing Plant: **KIRTON**

**08**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1430 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

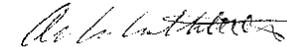
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**THORESBY BUFF MULTI**

**08**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1430 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.05kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6036214

## Declaration of Performance

DOP/HANUK/BR/6036214

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**THORESBY BUFF MULTI**

Manufacturing Plant: **KIRTON**

**08**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 30 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 20 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1430 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 11-21% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

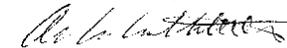
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ATHERSTONE RED**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

**See Also Declaration of Performance DOP/HANUK/BR/6080019**

**Declaration of Performance**

**DOP/HANUK/BR/6080019**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ATHERSTONE RED**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

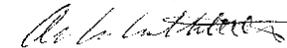
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ATHERSTONE RED MULTI**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6090018

## Declaration of Performance

DOP/HANUK/BR/6090018

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ATHERSTONE RED MULTI**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

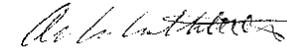
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**AUTUMN GLOW STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6090315

## Declaration of Performance

DOP/HANUK/BR/6090315

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**AUTUMN GLOW STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

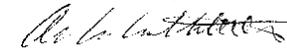
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**AUTUMN GLOW MULTI STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6090414

## Declaration of Performance

DOP/HANUK/BR/6090414

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**AUTUMN GLOW MULTI STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

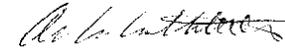
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BARNHAM RED STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6091312

**Declaration of Performance**

DOP/HANUK/BR/6091312

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BARNHAM RED STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

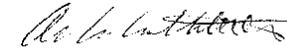
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CAVERSHAM**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6090711

**Declaration of Performance**

DOP/HANUK/BR/6090711

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CAVERSHAM**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

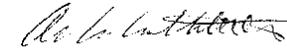
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CHERTSEY ANTIQUE BLEND STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6091213

**Declaration of Performance**

DOP/HANUK/BR/6091213

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CHERTSEY ANTIQUE BLEND STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

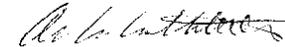
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CHELSEA SMOKED RED STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

**See Also Declaration of Performance DOP/HANUK/BR/6090810**

**Declaration of Performance**

**DOP/HANUK/BR/6090810**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CHELSEA SMOKED RED STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

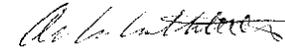
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HAMPTON RURAL BLEND STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6090711

**Declaration of Performance**

DOP/HANUK/BR/6090711

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HAMPTON RURAL BLEND STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

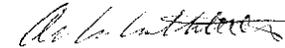
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OAKTHORPE RED STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

**See Also Declaration of Performance DOP/HANUK/BR/6080910**

**Declaration of Performance**

**DOP/HANUK/BR/6080910**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OAKTHORPE RED STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

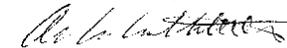
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OAKTHORPE RED MULTI STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6090216

## Declaration of Performance

DOP/HANUK/BR/6090216

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OAKTHORPE RED MULTI STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

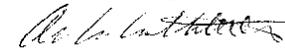
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RICHMOND SMOKED RED BLEND**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6091114

## Declaration of Performance

DOP/HANUK/BR/6091114

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RICHMOND SMOKED RED BLEND**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

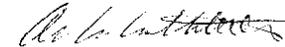
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**WESTCROFT RED MULTI**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.2 kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6091015

## Declaration of Performance

DOP/HANUK/BR/6091015

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**WESTCROFT RED MULTI**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 20 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 13 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1550 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 8-18% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

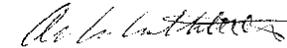
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ATHERSTONE BUFF**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.36kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6080316

**Declaration of Performance**

DOP/HANUK/BR/6080316

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ATHERSTONE BUFF**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

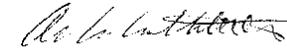
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ATHERSTONE BUFF MULTI**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.36kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6090117

**Declaration of Performance**

DOP/HANUK/BR/6090117

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ATHERSTONE BUFF MULTI**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

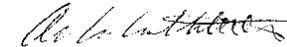
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BELGRAVIA GAULT BLEND**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.36kg  
Bricks per pack: 495

**See Also Declaration of Performance DOP/HANUK/BR/6090919**

**Declaration of Performance**

**DOP/HANUK/BR/6090919**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BELGRAVIA GAULT BLEND**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

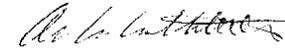
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CAMDEN YELLOW MULTI STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.36kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6090513

## Declaration of Performance

DOP/HANUK/BR/6090513

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CAMDEN YELLOW MULTI STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

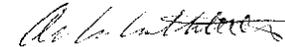
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**KENTISH MULTI STOCK SPECIAL RESERVE**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.36kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6080712

**Declaration of Performance**

DOP/HANUK/BR/6080712

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**KENTISH MULTI STOCK SPECIAL RESERVE**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

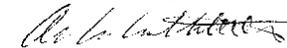
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OAKTHORPE BUFF MULTI STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.36kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6080613

**Declaration of Performance**

DOP/HANUK/BR/6080613

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OAKTHORPE BUFF MULTI STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

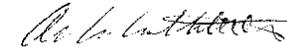
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**OAKTHORPE BUFF STOCK**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.36kg  
Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6080514

**Declaration of Performance**

DOP/HANUK/BR/6080514

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**OAKTHORPE BUFF STOCK**

Manufacturing Plant: **MEASHAM HENRY 2**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 35 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 11 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 5-15% Voids

**Equivalent thermal conductivity:** 0.54 W/m.K [ $\lambda_{10,dry}$ ]

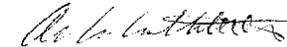
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE BRINDLE RUSTIC**

**09**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 448

See Also Declaration of Performance DOP/HANUK/BR/6072311

## Declaration of Performance

DOP/HANUK/BR/6072311

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE BRINDLE RUSTIC**

Manufacturing Plant: **WILNECOTE**

**09**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

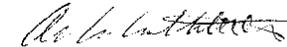
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE BRINDLE SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 448

**See Also Declaration of Performance DOP/HANUK/BR/6072410**

**Declaration of Performance**

**DOP/HANUK/BR/6072410**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE BRINDLE SMOOTH**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

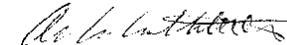
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY MULTI RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6074711

## Declaration of Performance

DOP/HANUK/BR/6074711

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY MULTI RUSTIC**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

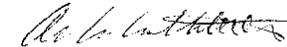
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY RED RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6078412

## Declaration of Performance

DOP/HANUK/BR/6078412

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY RED RUSTIC**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

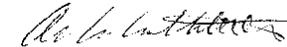
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DARK MOROCCAN RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6073318

## Declaration of Performance

DOP/HANUK/BR/6073318

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DARK MOROCCAN RUSTIC**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

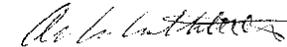
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DARK MULTI RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6072915

## Declaration of Performance

DOP/HANUK/BR/6072915

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DARK MULTI RUSTIC**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

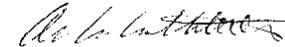
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MIXED BROWN BRINDLE RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6078016

## Declaration of Performance

DOP/HANUK/BR/6078016

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MIXED BROWN BRINDLE RUSTIC**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

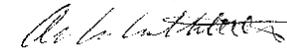
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 448

See Also Declaration of Performance DOP/HANUK/BR/6074315

## Declaration of Performance

DOP/HANUK/BR/6074315

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE RUSTIC**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

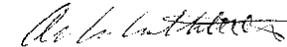
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 448

See Also Declaration of Performance DOP/HANUK/BR/6074216

## Declaration of Performance

DOP/HANUK/BR/6074216

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE SMOOTH**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

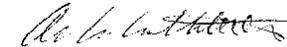
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**FARMHOUSE BROWN SANDFACED 73mm**

**13**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 464

See Also Declaration of Performance DOP/HANUK/BR/6159128

**Declaration of Performance**

DOP/HANUK/BR/6159128

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**FARMHOUSE BROWN SANDFACED 73mm**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

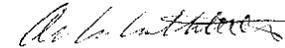
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**GOLDEN BROWN SANDFACED 73mm**

**13**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 464

See Also Declaration of Performance DOP/HANUK/BR/6159227

**Declaration of Performance**

DOP/HANUK/BR/6159227

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**GOLDEN BROWN SANDFACED 73mm**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

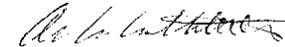
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DARK MOROCCAN SMOOTH 73mm**

**11**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6076517

**Declaration of Performance**

DOP/HANUK/BR/6076517

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DARK MOROCCAN SMOOTH 73mm**

Manufacturing Plant: **WILNECOTE**

**11**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

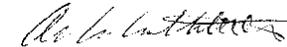
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE BRINDLE RUSTIC 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6072328

## Declaration of Performance

DOP/HANUK/BR/6072328

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE BRINDLE RUSTIC 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

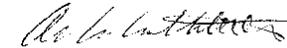
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE BRINDLE SMOOTH 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** N/A

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6072427

## Declaration of Performance

DOP/HANUK/BR/6072427

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE BRINDLE SMOOTH 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

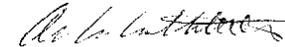
**Dimensional stability / Moisture Movement:** N/A

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE RUSTIC 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6074322

## Declaration of Performance

DOP/HANUK/BR/6074322

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE RUSTIC 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

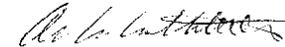
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY RED DRAGFACED 73mm**

**10**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 464

See Also Declaration of Performance DOP/HANUK/BR/6078313

**Declaration of Performance**

DOP/HANUK/BR/6078313

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY RED DRAGFACED 73mm**

Manufacturing Plant: **WILNECOTE**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

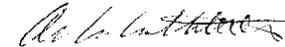
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DARK MOROCCAN RUSTIC 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6073325

**Declaration of Performance**

DOP/HANUK/BR/6073325

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DARK MOROCCAN RUSTIC 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

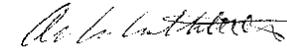
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DARK MULTI SMOOTH 73mm**

**10**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 464

See Also Declaration of Performance DOP/HANUK/BR/6078511

## Declaration of Performance

DOP/HANUK/BR/6078511

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DARK MULTI SMOOTH 73mm**

Manufacturing Plant: **WILNECOTE**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

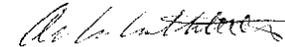
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DARK MULTI RUSTIC 73mm**

**10**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 464

See Also Declaration of Performance DOP/HANUK/BR/6078115

## Declaration of Performance

DOP/HANUK/BR/6078115

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DARK MULTI RUSTIC 73mm**

Manufacturing Plant: **WILNECOTE**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

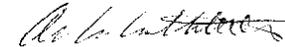
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MIXED BROWN BRINDLE RUSTIC 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6078023

## Declaration of Performance

DOP/HANUK/BR/6078023

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MIXED BROWN BRINDLE RUSTIC 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

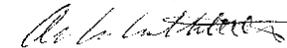
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE SMOOTH 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6074223

## Declaration of Performance

DOP/HANUK/BR/6074223

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE SMOOTH 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

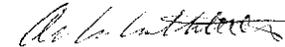
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY MULTI DRAGFACED 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 464

**See Also Declaration of Performance DOP/HANUK/BR/6077019**

## Declaration of Performance

DOP/HANUK/BR/6077019

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY MULTI DRAGFACED 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

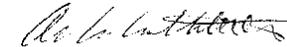
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY MULTI RUSTIC 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 464

See Also Declaration of Performance DOP/HANUK/BR/6076913

## Declaration of Performance

DOP/HANUK/BR/6076913

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY MULTI RUSTIC 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

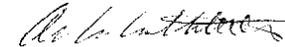
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY MULTI SMOOTH 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 464

See Also Declaration of Performance DOP/HANUK/BR/6078115

## Declaration of Performance

DOP/HANUK/BR/6078115

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY MULTI SMOOTH 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

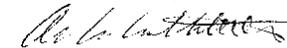
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY RED RUSTIC 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 464

See Also Declaration of Performance DOP/HANUK/BR/6073424

## Declaration of Performance

DOP/HANUK/BR/6073424

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY RED RUSTIC 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

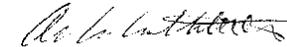
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY RED SMOOTH 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 464

See Also Declaration of Performance DOP/HANUK/BR/6073622

## Declaration of Performance

DOP/HANUK/BR/6073622

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY RED SMOOTH 73mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

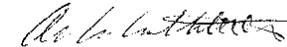
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**FARMHOUSE BROWN SANDFACED**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

**See Also Declaration of Performance DOP/HANUK/BR/6074612**

**Declaration of Performance**

**DOP/HANUK/BR/6074612**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**FARMHOUSE BROWN SANDFACED**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

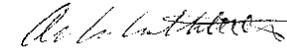
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**GOLDEN BROWN SANDFACED**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6074612

**Declaration of Performance**

DOP/HANUK/BR/6074612

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**GOLDEN BROWN SANDFACED**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

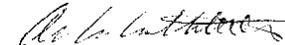
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY MULTI DRAGFACED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6074117

**Declaration of Performance**

DOP/HANUK/BR/6074117

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY MULTI DRAGFACED**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

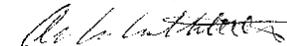
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY MULTI SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

**See Also Declaration of Performance DOP/HANUK/BR/6074810**

**Declaration of Performance**

**DOP/HANUK/BR/6074810**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY MULTI SMOOTH**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

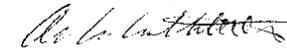
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY RED DRAGFACED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6074513

**Declaration of Performance**

DOP/HANUK/BR/6074513

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY RED DRAGFACED**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

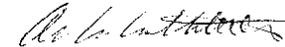
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY RED SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6074612

**Declaration of Performance**

DOP/HANUK/BR/6074612

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY RED SMOOTH**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

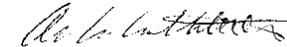
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DARK MOROCCAN SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

**See Also Declaration of Performance DOP/HANUK/BR/6073110**

**Declaration of Performance**

**DOP/HANUK/BR/6073110**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DARK MOROCCAN SMOOTH**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

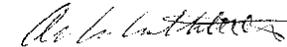
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DARK MULTI SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6072618

## Declaration of Performance

DOP/HANUK/BR/6072618

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DARK MULTI SMOOTH**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

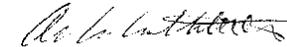
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DARK TAME VALLEY**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6075114

**Declaration of Performance**

DOP/HANUK/BR/6075114

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DARK TAME VALLEY**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

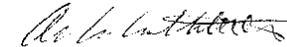
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MILLENNIUM RED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6076418

## Declaration of Performance

DOP/HANUK/BR/6076418

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MILLENNIUM RED**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

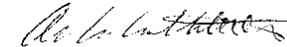
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**ORANGE ANTIQUE MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

**See Also Declaration of Performance DOP/HANUK/BR/6074919**

## Declaration of Performance

DOP/HANUK/BR/6074919

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**ORANGE ANTIQUE MULTI**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

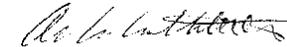
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**TAME VALLEY RED MIXTURE**

**10**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6077316

**Declaration of Performance**

DOP/HANUK/BR/6077316

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**TAME VALLEY RED MIXTURE**

Manufacturing Plant: **WILNECOTE**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

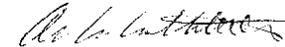
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**WILNECOTE CLASS B ENGINEERING 65mm**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6072212

**Declaration of Performance**

DOP/HANUK/BR/6072212

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**WILNECOTE CLASS B ENGINEERING 65mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

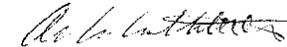
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**WILNECOTE CLASS B SOLID 65MM**

**08**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 2300 kg/m<sup>3</sup> (D1)

**Configuration:** Solid

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.36kg  
Bricks per pack: 400

See Also Declaration of Performance DOP/HANUK/BR/6777773

## Declaration of Performance

DOP/HANUK/BR/6777773

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**WILNECOTE CLASS B SOLID 65MM**

Manufacturing Plant: **WILNECOTE**

**08**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 2300 kg/m<sup>3</sup> (D1)

**Configuration:** Solid

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

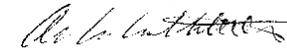
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COUNTY RED DRAGFACED SOLID**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 2300 kg/m<sup>3</sup> (D1)

**Configuration:** Solid

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.36kg  
Bricks per pack: 400

See Also Declaration of Performance DOP/HANUK/BR/6074582

## Declaration of Performance

DOP/HANUK/BR/6074582

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COUNTY RED DRAGFACED SOLID**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 2300 kg/m<sup>3</sup> (D1)

**Configuration:** Solid

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

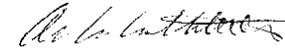
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**TAME VALLEY BUFF DRAGFACED 73MM**

**11**

Category II, HD, 215 x 102.5 x 75mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6077514

**Declaration of Performance**

**DOP/HANUK/BR/6077514**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**TAME VALLEY BUFF DRAGFACED 73MM**

Manufacturing Plant: **WILNECOTE**

**11**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 75mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-25% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

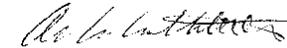
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BRINDLEY BUFF**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

**See Also Declaration of Performance DOP/HANUK/BR/6075718**

## Declaration of Performance

DOP/HANUK/BR/6075718

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BRINDLEY BUFF**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

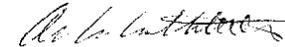
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SMOOTH BUFF**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6077118

**Declaration of Performance**

DOP/HANUK/BR/6077118

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SMOOTH BUFF**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

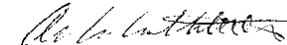
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**TAME VALLEY BUFF DRAGFACED**

**10**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6077217

**Declaration of Performance**

DOP/HANUK/BR/6077217

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**TAME VALLEY BUFF DRAGFACED**

Manufacturing Plant: **WILNECOTE**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

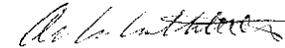
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**TAME VALLEY SMOOTH BUFF**

**10**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

**See Also Declaration of Performance DOP/HANUK/BR/6077118**

**Declaration of Performance**

**DOP/HANUK/BR/6077118**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**TAME VALLEY SMOOTH BUFF**

Manufacturing Plant: **WILNECOTE**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

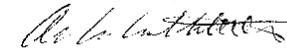
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DOVEDALE GREY DRAGFACED 73MM**

**13**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 384

**See Also Declaration of Performance DOP/HANUK/BR/6078610**

## Declaration of Performance

DOP/HANUK/BR/6078610

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DOVEDALE GREY DRAGFACED 73MM**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

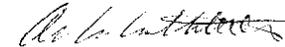
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MILLDALE GREY MULTI DRAGFACED 73MM**

**13**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 384

**See Also Declaration of Performance DOP/HANUK/BR/6078719**

**Declaration of Performance**

**DOP/HANUK/BR/6078719**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MILLDALE GREY MULTI DRAGFACED 73MM**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

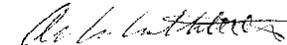
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**TAME VALLEY SMOOTH BUFF 73MM**

**15**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 384

**See Also Declaration of Performance DOP/HANUK/BR/6077415**

**Declaration of Performance**

**DOP/HANUK/BR/6077415**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**TAME VALLEY SMOOTH BUFF 73MM**

Manufacturing Plant: **WILNECOTE**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

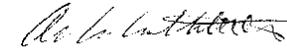
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BRINDLEY BUFF 73mm**

**15**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6075725

## Declaration of Performance

DOP/HANUK/BR/6075725

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BRINDLEY BUFF 73mm**

Manufacturing Plant: **WILNECOTE**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

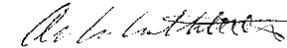
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SMOOTH BUFF 73MM**

**13**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6077811

## Declaration of Performance

DOP/HANUK/BR/6077811

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SMOOTH BUFF 73MM**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

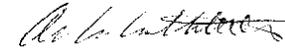
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 1**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6078917

## Declaration of Performance

DOP/HANUK/BR/6078917

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 1**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

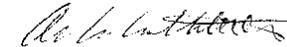
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 2**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

**See Also Declaration of Performance DOP/HANUK/BR/6079013**

**Declaration of Performance**

**DOP/HANUK/BR/6079013**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 2**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

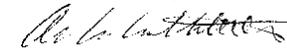
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 3**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6079112

## Declaration of Performance

DOP/HANUK/BR/6079112

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 3**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

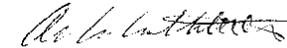
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 4**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6079211

## Declaration of Performance

DOP/HANUK/BR/6079211

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 4**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

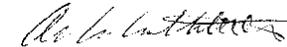
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 5**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

**See Also Declaration of Performance DOP/HANUK/BR/6079310**

## Declaration of Performance

DOP/HANUK/BR/6079310

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 5**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [⊥ bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

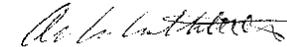
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 6**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6079419

## Declaration of Performance

DOP/HANUK/BR/6079419

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 6**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

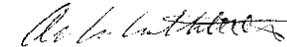
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 7**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

**See Also Declaration of Performance DOP/HANUK/BR/6079518**

## Declaration of Performance

DOP/HANUK/BR/6079518

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 7**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

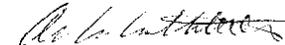
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 8**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6079617

## Declaration of Performance

DOP/HANUK/BR/6079617

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 8**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

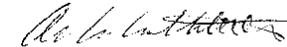
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 9**

**13**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6079716

## Declaration of Performance

DOP/HANUK/BR/6079716

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 9**

Manufacturing Plant: **WILNECOTE**

**13**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

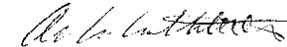
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 10**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6079815

## Declaration of Performance

DOP/HANUK/BR/6079815

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 10**

Manufacturing Plant: **WILNECOTE**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

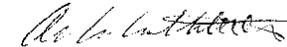
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 11**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6079914

## Declaration of Performance

DOP/HANUK/BR/6079914

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 11**

Manufacturing Plant: **WILNECOTE**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

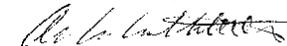
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 12**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6072717

## Declaration of Performance

DOP/HANUK/BR/6072717

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 12**

Manufacturing Plant: **WILNECOTE**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

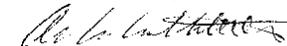
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLENDED BRICKS 13**

**15**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6076012

**Declaration of Performance**

DOP/HANUK/BR/6076012

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLENDED BRICKS 13**

Manufacturing Plant: **WILNECOTE**

**15**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 20-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

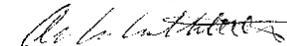
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DOVEDALE GREY DRAGFACED**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6075411

## Declaration of Performance

DOP/HANUK/BR/6075411

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DOVEDALE GREY DRAGFACED**

Manufacturing Plant: **WILNECOTE**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

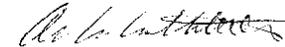
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MILLDALE GREY MULTI DRAGFACED**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6073714

## Declaration of Performance

DOP/HANUK/BR/6073714

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MILLDALE GREY MULTI DRAGFACED**

Manufacturing Plant: **WILNECOTE**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

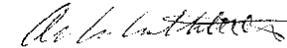
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MOSEDALE BUFF MULTI DRAGFACED**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6073912

## Declaration of Performance

DOP/HANUK/BR/6073912

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MOSEDALE BUFF MULTI DRAGFACED**

Manufacturing Plant: **WILNECOTE**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

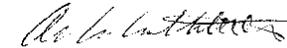
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**YELLOW ANTIQUE MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.4 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6076319

## Declaration of Performance

DOP/HANUK/BR/6076319

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**YELLOW ANTIQUE MULTI**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1700 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

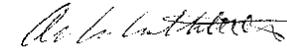
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**TAME VALLEY SMOOTH BUFF SOLID**

**10**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 2171 kg/m<sup>3</sup> (D1)

**Configuration:** SOLID

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.22kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6077712

## Declaration of Performance

DOP/HANUK/BR/6077712

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**TAME VALLEY SMOOTH BUFF SOLID**

Manufacturing Plant: **WILNECOTE**

**10**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 50 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 10 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 2171 kg/m<sup>3</sup> (D1)

**Configuration:** SOLID

**Equivalent thermal conductivity:** 0.76 W/m.K [ $\lambda_{10,dry}$ ]

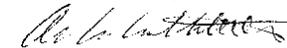
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE SMOOTH 230x110x75mm**

**06**

Category II, HD, 230 x 110 x 75mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 17-22% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.65kg  
Bricks per pack: 297

**See Also Declaration of Performance DOP/HANUK/BR/6074230**

## Declaration of Performance

DOP/HANUK/BR/6074230

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE SMOOTH 230x110x75mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 230 x 110 x 75mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 17-22% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

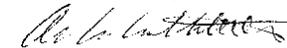
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE SMOOTH 230x110x80mm**

**06**

Category II, HD, 230 x 110 x 80mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 17-22% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.8 kg  
Bricks per pack: 297

See Also Declaration of Performance DOP/HANUK/BR/6074247

## Declaration of Performance

DOP/HANUK/BR/6074247

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE SMOOTH 230x110x80mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 230 x 110 x 80mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 17-22% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

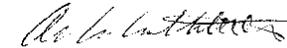
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RED SMOOTH 230x110x75mm**

**06**

Category II, HD, 230 x 110 x 75mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 17-22% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.65kg  
Bricks per pack: 297

See Also Declaration of Performance DOP/HANUK/BR/6073639

## Declaration of Performance

DOP/HANUK/BR/6073639

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RED SMOOTH 230x110x75mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 230 x 110 x 75mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 17-22% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

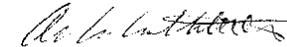
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RED SMOOTH 230x110x80mm**

**06**

Category II, HD, 230 x 110 x 80mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 17-22% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.8 kg  
Bricks per pack: 297

See Also Declaration of Performance DOP/HANUK/BR/6073646

## Declaration of Performance

DOP/HANUK/BR/6073646

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RED SMOOTH 230x110x80mm**

Manufacturing Plant: **WILNECOTE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 230 x 110 x 80mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 17-22% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

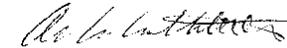
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6200318

## Declaration of Performance

DOP/HANUK/BR/6200318

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE SMOOTH**

Manufacturing Plant: **CRADLEY BRICK**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

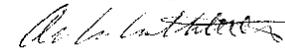
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BROWN SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6200516

## Declaration of Performance

DOP/HANUK/BR/6200516

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BROWN SMOOTH**

Manufacturing Plant: **CRADLEY BRICK**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

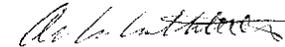
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BROWN SMOOTH 80mm**

**07**

Category II, HD, 215 x 102.5 x 80mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.44kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6200417

**Declaration of Performance**

DOP/HANUK/BR/6200417

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BROWN SMOOTH 80mm**

Manufacturing Plant: **CRADLEY BRICK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 80mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

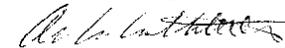
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE SMOOTH 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.14kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6200110

**Declaration of Performance**

DOP/HANUK/BR/6200110

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE SMOOTH 73mm**

Manufacturing Plant: **CRADLEY BRICK**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

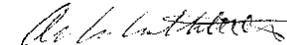
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BLUE SMOOTH 80mm**

**07**

Category II, HD, 215 x 102.5 x 80mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.44kg  
Bricks per pack: 448

See Also Declaration of Performance DOP/HANUK/BR/6200219

## Declaration of Performance

DOP/HANUK/BR/6200219

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BLUE SMOOTH 80mm**

Manufacturing Plant: **CRADLEY BRICK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 80mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

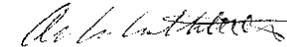
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RED SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6201117

## Declaration of Performance

DOP/HANUK/BR/6201117

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RED SMOOTH**

Manufacturing Plant: **CRADLEY BRICK**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

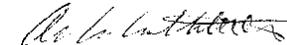
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RED SMOOTH 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.14kg  
Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6200912

## Declaration of Performance

DOP/HANUK/BR/6200912

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RED SMOOTH 73mm**

Manufacturing Plant: **CRADLEY BRICK**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

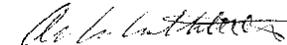
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RED SMOOTH 80mm**

**07**

Category II, HD, 215 x 102.5 x 80mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.44kg  
Bricks per pack: 504

**See Also Declaration of Performance DOP/HANUK/BR/6201018**

## Declaration of Performance

DOP/HANUK/BR/6201018

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RED SMOOTH 80mm**

Manufacturing Plant: **CRADLEY BRICK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 80mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

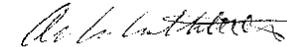
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BUFF SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.8 kg  
Bricks per pack: 448

See Also Declaration of Performance DOP/HANUK/BR/6200813

## Declaration of Performance

DOP/HANUK/BR/6200813

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BUFF SMOOTH**

Manufacturing Plant: **CRADLEY BRICK**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

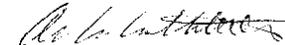
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BUFF SMOOTH 73mm**

**07**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.14kg  
Bricks per pack: 448

See Also Declaration of Performance DOP/HANUK/BR/6200615

## Declaration of Performance

DOP/HANUK/BR/6200615

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BUFF SMOOTH 73mm**

Manufacturing Plant: **CRADLEY BRICK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

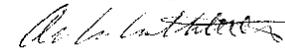
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BUFF SMOOTH 80mm**

**07**

Category II, HD, 215 x 102.5 x 80mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 3.44kg  
Bricks per pack: 448

See Also Declaration of Performance DOP/HANUK/BR/6200714

## Declaration of Performance

DOP/HANUK/BR/6200714

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BUFF SMOOTH 80mm**

Manufacturing Plant: **CRADLEY BRICK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 80mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 18-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

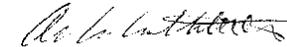
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BRINDLE SMOOTH**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 448

See Also Declaration of Performance DOP/HANUK/BR/6111119

## Declaration of Performance

DOP/HANUK/BR/6111119

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BRINDLE SMOOTH**

Manufacturing Plant: **CRADLEY BRICK**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

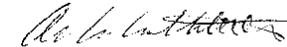
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SMOOTH COUNTY RED**

**07**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.5 kg  
Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6111119

## Declaration of Performance

DOP/HANUK/BR/6111119

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SMOOTH COUNTY RED**

Manufacturing Plant: **CRADLEY BRICK**

**07**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 75 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 7 %

**Durability against freeze-thaw:** F2

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 50/100

**Direct airborne sound insulation:**

**Gross density:** 1800 kg/m<sup>3</sup> (D1)

**Configuration:** Vertically Perforated 23-28% Voids

**Equivalent thermal conductivity:** 0.79 W/m.K [ $\lambda_{10,dry}$ ]

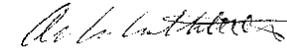
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COMMONS 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T1

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1450 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 13-18% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.3 kg  
Bricks per pack: 360

**See Also Declaration of Performance DOP/HANUK/BR/6084017**

## Declaration of Performance

DOP/HANUK/BR/6084017

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COMMONS 73mm**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T1

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1450 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 13-18% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

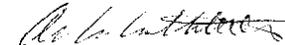
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HEATHER 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T1

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1450 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 13-18% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.3 kg  
Bricks per pack: 360

See Also Declaration of Performance DOP/HANUK/BR/6081924

## Declaration of Performance

DOP/HANUK/BR/6081924

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HEATHER 73mm**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T1

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1450 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 13-18% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

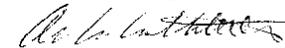
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RUSTIC ANTIQUE 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T1

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1450 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 13-18% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.3 kg  
Bricks per pack: 360

See Also Declaration of Performance DOP/HANUK/BR/6085229

## Declaration of Performance

DOP/HANUK/BR/6085229

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RUSTIC ANTIQUE 73mm**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T1

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1450 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 13-18% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

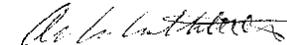
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RUSTIC 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T1

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1450 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 13-18% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.3 kg  
Bricks per pack: 360

See Also Declaration of Performance DOP/HANUK/BR/6082921

## Declaration of Performance

DOP/HANUK/BR/6082921

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RUSTIC 73mm**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T1

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1450 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 13-18% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

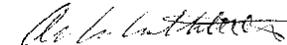
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**TUDOR 73mm**

**06**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T1

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1450 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 13-18% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 2.3 kg  
Bricks per pack: 360

See Also Declaration of Performance DOP/HANUK/BR/6082327

## Declaration of Performance

DOP/HANUK/BR/6082327

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**TUDOR 73mm**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 73mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T1

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1450 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 13-18% Voids

**Equivalent thermal conductivity:** 0.53 W/m.K [ $\lambda_{10,dry}$ ]

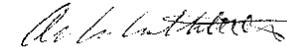
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BRECKEN GREY**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6081412

## Declaration of Performance

DOP/HANUK/BR/6081412

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BRECKEN GREY**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**BRINDLE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 396

See Also Declaration of Performance DOP/HANUK/BR/6082815

**Declaration of Performance**

DOP/HANUK/BR/6082815

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**BRINDLE**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

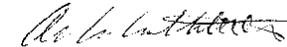
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CHILTERN**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

**See Also Declaration of Performance DOP/HANUK/BR/6081818**

## Declaration of Performance

DOP/HANUK/BR/6081818

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CHILTERN**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**CLAYDON RED MULTI**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6081214

## Declaration of Performance

DOP/HANUK/BR/6081214

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**CLAYDON RED MULTI**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

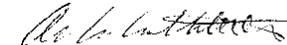
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COMMONS**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6083218

## Declaration of Performance

DOP/HANUK/BR/6083218

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COMMONS**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

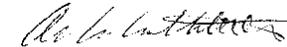
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**COTSWOLD**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6082716

## Declaration of Performance

DOP/HANUK/BR/6082716

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**COTSWOLD**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

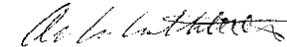
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**DAPPLE LIGHT**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6082617

## Declaration of Performance

DOP/HANUK/BR/6082617

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**DAPPLE LIGHT**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

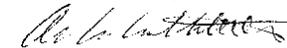
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**GEORGIAN**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6082211

**Declaration of Performance**

DOP/HANUK/BR/6082211

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**GEORGIAN**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

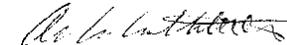
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**GOLDEN BUFF**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6082518

## Declaration of Performance

DOP/HANUK/BR/6082518

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**GOLDEN BUFF**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

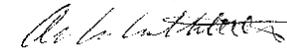
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HEATHER**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6081917

**Declaration of Performance**

DOP/HANUK/BR/6081917

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HEATHER**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

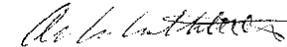
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HEREWARD LIGHT**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6081719

**Declaration of Performance**

DOP/HANUK/BR/6081719

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HEREWARD LIGHT**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

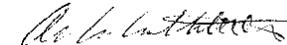
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**HONEY BUFF**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6080217

## Declaration of Performance

DOP/HANUK/BR/6080217

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**HONEY BUFF**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

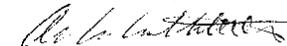
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**IRONSTONE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6081313

**Declaration of Performance**

DOP/HANUK/BR/6081313

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**IRONSTONE**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

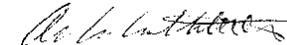
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**LONGVILLE STONE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6081115

## Declaration of Performance

DOP/HANUK/BR/6081115

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**LONGVILLE STONE**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

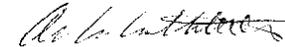
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**MILTON BUFF**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6083119

**Declaration of Performance**

DOP/HANUK/BR/6083119

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**MILTON BUFF**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

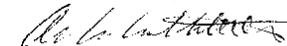
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**NENE VALLEY STONE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6080811

## Declaration of Performance

DOP/HANUK/BR/6080811

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**NENE VALLEY STONE**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

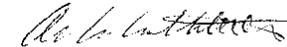
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**REGENCY**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6082112

**Declaration of Performance**

DOP/HANUK/BR/6082112

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**REGENCY**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

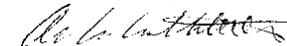
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RUSTIC**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6082914

## Declaration of Performance

DOP/HANUK/BR/6082914

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RUSTIC**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

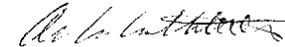
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**RUSTIC ANTIQUE**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6085212

**Declaration of Performance**

DOP/HANUK/BR/6085212

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**RUSTIC ANTIQUE**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SANDFACED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

**See Also Declaration of Performance DOP/HANUK/BR/6081610**

**Declaration of Performance**

**DOP/HANUK/BR/6081610**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SANDFACED**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

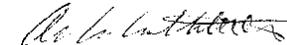
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SAXON GOLD**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6082419

## Declaration of Performance

DOP/HANUK/BR/6082419

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SAXON GOLD**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

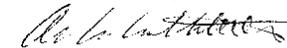
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SELECTED REGRADES**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6111119

**Declaration of Performance**

DOP/HANUK/BR/6111119

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SELECTED REGRADES**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

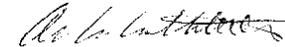
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**SUNSET RED**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6080415

## Declaration of Performance

DOP/HANUK/BR/6080415

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**SUNSET RED**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

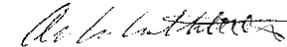
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**TUDOR**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6082310

**Declaration of Performance**

**DOP/HANUK/BR/6082310**

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**TUDOR**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

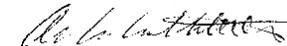
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015



Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

**BS EN 771-1:2011**

**WINDSOR**

**06**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

**Dimensional stability:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

**Other Information:** Dry weight per brick: 1.95kg  
Bricks per pack: 390

See Also Declaration of Performance DOP/HANUK/BR/6081511

## Declaration of Performance

DOP/HANUK/BR/6081511

The undersigned, representing the following:

Hanson Building Products  
Measham Works, Atherstone Road,  
Measham, DE12 7EL

Confirms that:

**WINDSOR**

Manufacturing Plant: **KINGS DYKE**

**06**

Conforms to the Harmonised European Standard: **BS EN 771-1:2011**

Category II, HD, 215 x 102.5 x 65mm, clay masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4  
Regulation: EU No 305/2011

**Dimensional tolerances:**

**Tolerance category:** T2

**Range category:** R1

**Compressive strength:** 25 N/mm<sup>2</sup> [ $\perp$  bed face]

**Water absorption:** 23 %

**Durability against freeze-thaw:** F1

**Active soluble salt content:** S2

**Reaction to fire:** Class A1

**Bond strength (Fixed value from EN 998-2):** 0.15 N/mm<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745 table value):** 5/10

**Direct airborne sound insulation:**

**Gross density:** 1360 kg/m<sup>3</sup> (D1)

**Configuration:** Frogged 15-20% Voids

**Equivalent thermal conductivity:** 0.51 W/m.K [ $\lambda_{10,dry}$ ]

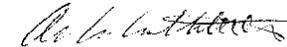
**Dimensional stability / Moisture Movement:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.**

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015