
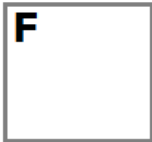


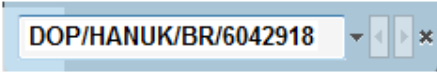
**Hanson Building Products**

Atherstone Road  
Measham  
Swadlincote  
DE12 7EL  
Phone 01530 270333

[www.hanson.com/uk](http://www.hanson.com/uk)

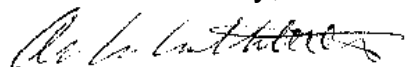
Thank you for downloading our CE certification for Thermalite. You can find the appropriate certificate in two simple steps:

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.

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  
Quality Manager  
Hanson Building Products



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300919

## Declaration of Performance

DOP/HANUK/TH/6300919

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 470 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

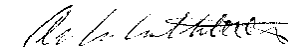
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 115 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 115 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300933

## Declaration of Performance

DOP/HANUK/TH/6300933

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 470 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

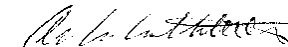
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 125 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 125 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300957

## Declaration of Performance

DOP/HANUK/TH/6300957

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 125 x 215 mm, autoclaved aerated concrete masonry units

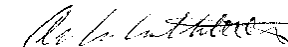
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category: GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimensional stability:</b>	Moisture Movement: Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water absorption:</b>	NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 470 kg/m <sup>3</sup> Configuration: As above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry}$ unit, S2]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 130 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 130 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300971

## Declaration of Performance

DOP/HANUK/TH/6300971

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 130 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 470 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

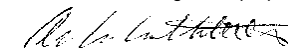
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300988

## Declaration of Performance

DOP/HANUK/TH/6300988

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 470 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

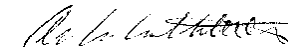
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 150 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300995

## Declaration of Performance

DOP/HANUK/TH/6300995

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

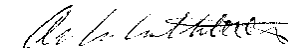
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category: GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimensional stability:</b>	Moisture Movement: Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water absorption:</b>	NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 470 kg/m <sup>3</sup> Configuration: As above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry}$ unit, S2]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 190 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)

category:

Solid

**Configuration:**

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301018

## Declaration of Performance

DOP/HANUK/TH/6301018

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:**

Solid

**Compressive strength:**

Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:**

Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:**

Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:**

NPD

**Reaction to fire:**

Euroclass A1

**Water absorption:**

NPD

**Water vapour diffusion coefficient:**

Fixed Value: 5/10

**Direct airborne sound insulation:**

Gross density: 470 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:**

0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:**

NPD

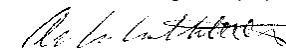
**Dangerous Substances:**

See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 200 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301015

## Declaration of Performance

DOP/HANUK/TH/6301015

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

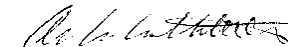
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category: GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
<b>Dimensional stability:</b>	Moisture Movement: Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water absorption:</b>	NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 470 kg/m <sup>3</sup> Configuration: As above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry}$ unit, S2]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 215 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301022

## Declaration of Performance

DOP/HANUK/TH/6301022

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

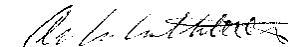
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category: GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimensional stability:</b>	Moisture Movement: Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water absorption:</b>	NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 470 kg/m <sup>3</sup> Configuration: As above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry}$ unit, S2]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 265 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 265 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)

category:

Solid

**Configuration:**

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301039

## Declaration of Performance

DOP/HANUK/TH/6301039

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 265 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:**

Solid

**Compressive strength:**

Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:**

Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:**

Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:**

NPD

**Reaction to fire:**

Euroclass A1

**Water absorption:**

NPD

**Water vapour diffusion coefficient:**

Fixed Value: 5/10

**Direct airborne sound insulation:**

Gross density: 470 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:**

0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:**

NPD

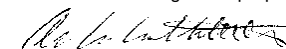
**Dangerous Substances:**

See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Turbo  
12**

Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 300 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301046

**Declaration of Performance**

DOP/HANUK/TH/6301046

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

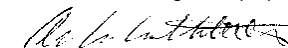
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>		Solid
<b>Compressive strength:</b>		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
<b>Dimensional stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>		NPD
<b>Reaction to fire:</b>		Euroclass A1
<b>Water absorption:</b>		NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	470 kg/m <sup>3</sup>
	Configuration:	As above
<b>Thermal conductivity:</b>		0.10 W/m.K [ $\lambda_{10,dry}$ unit, S2]
<b>Durability against freeze-thaw:</b>		NPD
<b>Dangerous Substances:</b>		See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Turbo  
12**

Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10, \text{dry unit}}$ , S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301275

## Declaration of Performance

DOP/HANUK/TH/6301275

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10, \text{dry unit}}$ , S2]

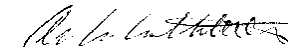
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Turbo  
12**

Category II, 440 x 115 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 115 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301282

## Declaration of Performance

DOP/HANUK/TH/6301282

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Turbo  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.90 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 470 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10,dry}$  unit, S2]

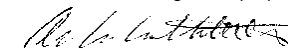
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 50 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 50 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300711

## Declaration of Performance

DOP/HANUK/TH/6300711

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 50 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

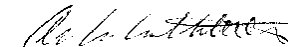
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 75 x 215 mm autoclaved aerated concrete masonry units

<b>Dimensions:</b>	440 (mm) x 75 (mm) x 215 (mm)	
<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
<b>Dimension Stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond Strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water Absorption:</b>	NPD	
<b>Water vapour diffusion coefficient :</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	600 kg/m <sup>3</sup>
	Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300728

**Declaration of Performance**

DOP/HANUK/TH/6300728

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 75 x 215 mm, autoclaved aerated concrete masonry units

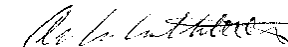
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
<b>Dimensional stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water absorption:</b>	NPD	
<b>Water vapour diffusion coefficient:</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	600 kg/m <sup>3</sup>
	Configuration:	As above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 90 x 215 mm autoclaved aerated concrete masonry units

<b>Dimensions:</b>	440 (mm) x 90 (mm) x 215 (mm)	
<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
<b>Dimension Stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond Strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water Absorption:</b>	NPD	
<b>Water vapour diffusion coefficient :</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	600 kg/m <sup>3</sup>
	Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300735

**Declaration of Performance**

DOP/HANUK/TH/6300735

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 90 x 215 mm, autoclaved aerated concrete masonry units

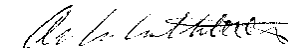
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
<b>Dimensional stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water absorption:</b>	NPD	
<b>Water vapour diffusion coefficient:</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	600 kg/m <sup>3</sup>
	Configuration:	As above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300742

## Declaration of Performance

DOP/HANUK/TH/6300742

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

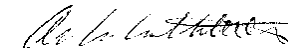
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 115 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 115 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300766

**Declaration of Performance**

DOP/HANUK/TH/6300766

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

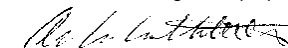
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 125 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 125 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300773

## Declaration of Performance

DOP/HANUK/TH/6300773

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 125 x 215 mm, autoclaved aerated concrete masonry units

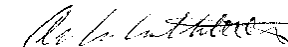
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>		Solid
<b>Compressive strength:</b>		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
<b>Dimensional stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>		NPD
<b>Reaction to fire:</b>		Euroclass A1
<b>Water absorption:</b>		NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	600 kg/m <sup>3</sup>
	Configuration:	As above
<b>Thermal conductivity:</b>		0.13 W/m.K [ $\lambda_{10,dry}$ unit, S2]
<b>Durability against freeze-thaw:</b>		NPD
<b>Dangerous Substances:</b>		See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300780

## Declaration of Performance

DOP/HANUK/TH/6300780

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

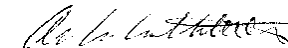
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 150 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300803

**Declaration of Performance**

DOP/HANUK/TH/6300803

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

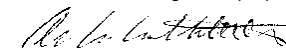
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 190 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300810

**Declaration of Performance**

DOP/HANUK/TH/6300810

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

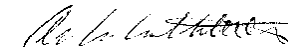
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 200 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300827

**Declaration of Performance**

DOP/HANUK/TH/6300827

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

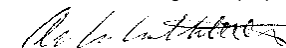
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 100 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 140 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301268

## Declaration of Performance

DOP/HANUK/TH/6301268

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

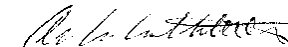
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 115 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 115 (mm) x 140 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301381

## Declaration of Performance

DOP/HANUK/TH/6301381

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

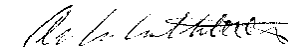
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Shield  
12**

Category II, 440 x 100 x 240 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 240 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301428

## Declaration of Performance

DOP/HANUK/TH/6301428

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 240 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

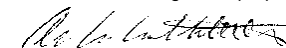
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Shield  
12**

Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301398

## Declaration of Performance

DOP/HANUK/TH/6301398

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

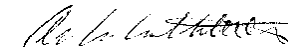
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Shield  
12**

Category II, 440 x 115 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 115 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301404

## Declaration of Performance

DOP/HANUK/TH/6301404

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

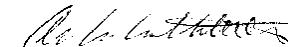
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Shield  
12**

Category II, 440 x 125 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 125 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301442

## Declaration of Performance

DOP/HANUK/TH/6301442

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 125 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

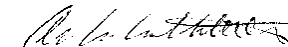
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Shield  
12**

Category II, 440 x 140 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301411

## Declaration of Performance

DOP/HANUK/TH/6301411

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

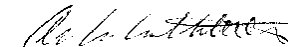
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Shield  
12**

Category II, 440 x 200 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 200 (mm) x 430 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301534

## Declaration of Performance

DOP/HANUK/TH/6301534

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

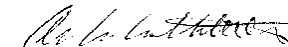
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Shield  
12**

Category II, 540 x 100 x 440 mm autoclaved aerated concrete masonry units

**Dimensions:** 540 (mm) x 100 (mm) x 440 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 3.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301435

## Declaration of Performance

DOP/HANUK/TH/6301435

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Shield  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 540 x 100 x 440 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

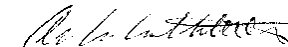
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Party Wall  
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300599

## Declaration of Performance

DOP/HANUK/TH/6300599

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Party Wall  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

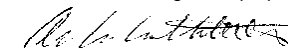
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Party Wall  
12**

Category II, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 215 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300605

## Declaration of Performance

DOP/HANUK/TH/6300605

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Party Wall  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 660 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

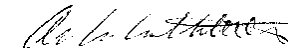
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Party Wall  
12**

Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301213

## Declaration of Performance

DOP/HANUK/TH/6301213

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Party Wall  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

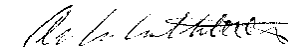
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Flooring Slip  
12**

Category II, 215 x 100 x 40 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 100 (mm) x 40 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301145

## Declaration of Performance

DOP/HANUK/TH/6301145

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Flooring Slip  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 100 x 40 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

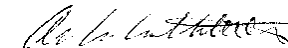
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Flooring Slip  
12**

Category II, 215 x 100 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 100 (mm) x 65 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)

category:

Solid

**Configuration:**

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:**

Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:**

Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:**

NPD

**Reaction to fire:**

Euroclass A1

**Water Absorption:**

NPD

**Water vapour diffusion coefficient :**

Fixed Value: 5/10

**Direct airborne sound insulation:**

Gross density: 730 kg/m<sup>3</sup>

Configuration: As Above

**Thermal conductivity:**

0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:**

NPD

**Dangerous Substances:**

See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300018

## Declaration of Performance

DOP/HANUK/TH/6300018

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Flooring Slip  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:**

Solid

**Compressive strength:**

Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:**

Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:**

Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:**

NPD

**Reaction to fire:**

Euroclass A1

**Water absorption:**

NPD

**Water vapour diffusion coefficient:**

Fixed Value: 5/10

**Direct airborne sound insulation:**

Gross density: 730 kg/m<sup>3</sup>

Configuration: As above

**Thermal conductivity:**

0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:**

NPD

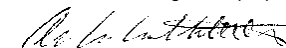
**Dangerous Substances:**

See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Floor End Block  
12**

Category II, 440 x 150 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 150 (mm) x 140 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301343

## Declaration of Performance

DOP/HANUK/TH/6301343

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Floor End Block  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

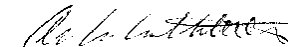
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Floor End Block  
12**

Category II, 440 x 175 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 175 (mm) x 140 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301350

## Declaration of Performance

DOP/HANUK/TH/6301350

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Floor End Block  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 175 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

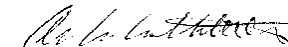
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Floor End Block  
12**

Category II, 530 x 440 x 145 mm autoclaved aerated concrete masonry units

**Dimensions:** 530 (mm) x 440 (mm) x 145 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301558

## Declaration of Performance

DOP/HANUK/TH/6301558

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Floor End Block  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 530 x 440 x 145 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

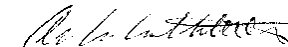
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7  
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300216

## Declaration of Performance

DOP/HANUK/TH/6300216

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

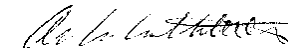
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7  
12**

Category II, 440 x 115 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 115 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300230

## Declaration of Performance

DOP/HANUK/TH/6300230

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

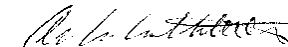
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7  
12**

Category II, 440 x 125 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 125 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300247

## Declaration of Performance

DOP/HANUK/TH/6300247

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 125 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

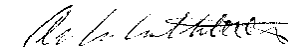
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7  
12**

Category II, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300261

## Declaration of Performance

DOP/HANUK/TH/6300261

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

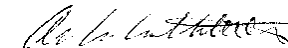
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7  
12**

Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 150 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300285

## Declaration of Performance

DOP/HANUK/TH/6300285

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

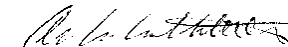
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7  
12**

Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 190 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300292

## Declaration of Performance

DOP/HANUK/TH/6300292

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

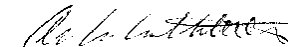
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7  
12**

Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 200 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300308

## Declaration of Performance

DOP/HANUK/TH/6300308

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

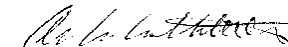
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7  
12**

Category II, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 215 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300315

## Declaration of Performance

DOP/HANUK/TH/6300315

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

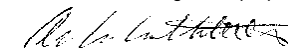
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Hi Strength 7  
12**

Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301305

## Declaration of Performance

DOP/HANUK/TH/6301305

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

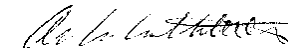
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Hi Strength 7  
12**

Category II, 440 x 140 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301312

## Declaration of Performance

DOP/HANUK/TH/6301312

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

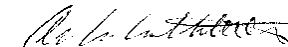
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Hi Strength 7  
12**

Category II, 440 x 150 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 150 (mm) x 430 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

Solid

**Configuration:**

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301541

## Declaration of Performance

DOP/HANUK/TH/6301541

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Hi Strength 7  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:**

Solid

**Compressive strength:**

Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:**

Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:**

Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:**

NPD

**Reaction to fire:**

Euroclass A1

**Water absorption:**

NPD

**Water vapour diffusion coefficient:**

Fixed Value: 5/10

**Direct airborne sound insulation:**

Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:**

0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:**

NPD

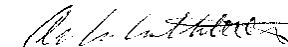
**Dangerous Substances:**

See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Paint Grade Smooth  
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300612

## Declaration of Performance

DOP/HANUK/TH/6300612

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 660 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

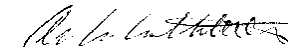
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Paint Grade Smooth  
12**

Category II, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300629

## Declaration of Performance

DOP/HANUK/TH/6300629

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

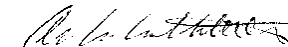
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Paint Grade Smooth  
12**

Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 150 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300636

## Declaration of Performance

DOP/HANUK/TH/6300636

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 660 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

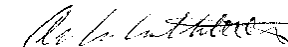
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Paint Grade Smooth  
12**

Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 190 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300643

## Declaration of Performance

DOP/HANUK/TH/6300643

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

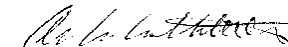
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Paint Grade Smooth  
12**

Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 200 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300650

## Declaration of Performance

DOP/HANUK/TH/6300650

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 660 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

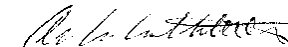
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Paint Grade Smooth  
12**

Category II, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 215 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 4.00 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 660 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.14 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300667

## Declaration of Performance

DOP/HANUK/TH/6300667

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

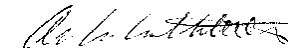
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category: GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimensional stability:</b>	Moisture Movement: Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water absorption:</b>	NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 660 kg/m <sup>3</sup> Configuration: As above
<b>Thermal conductivity:</b>	0.14 W/m.K [ $\lambda_{10,dry}$ unit, S2]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Paint Grade Smooth  
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300339

## Declaration of Performance

DOP/HANUK/TH/6300339

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

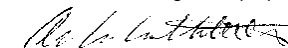
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Paint Grade Smooth  
12**

Category II, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300353

## Declaration of Performance

DOP/HANUK/TH/6300353

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

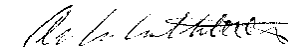
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Paint Grade Smooth  
12**

Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 150 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300360

## Declaration of Performance

DOP/HANUK/TH/6300360

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

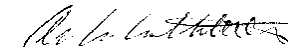
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Paint Grade Smooth  
12**

Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 190 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300377

## Declaration of Performance

DOP/HANUK/TH/6300377

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

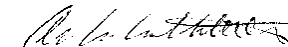
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Paint Grade Smooth  
12**

Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 200 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300384

## Declaration of Performance

DOP/HANUK/TH/6300384

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

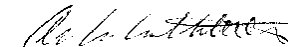
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Paint Grade Smooth  
12**

Category II, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 215 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300391

## Declaration of Performance

DOP/HANUK/TH/6300391

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

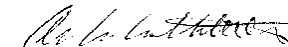
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Hi Strength 7 Paint Grade Smooth  
12**

Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301190

**Declaration of Performance**

DOP/HANUK/TH/6301190

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Hi Strength 7 Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

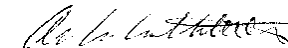
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Large Format Hi Strength 7 Paint Grade Smooth  
12**

Category II, 440 x 140 x 430 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 430 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301329

**Declaration of Performance**

DOP/HANUK/TH/6301329

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Large Format Hi Strength 7 Paint Grade Smooth  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

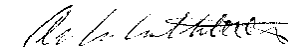
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock  
12**

Category II, 440 x 255 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 255 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300674

## Declaration of Performance

DOP/HANUK/TH/6300674

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units

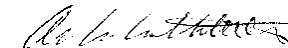
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>		Solid
<b>Compressive strength:</b>		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
<b>Dimensional stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>		NPD
<b>Reaction to fire:</b>		Euroclass A1
<b>Water absorption:</b>		NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	600 kg/m <sup>3</sup>
	Configuration:	As above
<b>Thermal conductivity:</b>		0.13 W/m.K [ $\lambda_{10,dry}$ unit, S2]
<b>Durability against freeze-thaw:</b>		Resistant to Freeze Thaw
<b>Dangerous Substances:</b>		See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock  
12**

Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 275 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300681

## Declaration of Performance

DOP/HANUK/TH/6300681

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

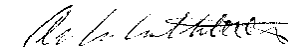
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock  
12**

Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 300 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300698

## Declaration of Performance

DOP/HANUK/TH/6300698

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

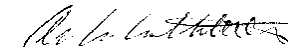
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock  
12**

Category II, 440 x 355 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 355 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300704

## Declaration of Performance

DOP/HANUK/TH/6300704

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

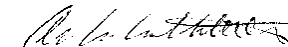
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock  
12**

Category II, 440 x 255 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 255 (mm) x 140 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)

category:

Solid

**Configuration:**

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301237

## Declaration of Performance

DOP/HANUK/TH/6301237

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 255 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:**

Solid

**Compressive strength:**

Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:**

Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:**

Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:**

NPD

**Reaction to fire:**

Euroclass A1

**Water absorption:**

NPD

**Water vapour diffusion coefficient:**

Fixed Value: 5/10

**Direct airborne sound insulation:**

Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:**

0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:**

Resistant to Freeze Thaw

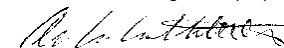
**Dangerous Substances:**

See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock  
12**

Category II, 440 x 275 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 275 (mm) x 140 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)

category:

Solid

**Configuration:**

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301244

## Declaration of Performance

DOP/HANUK/TH/6301244

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:**

Solid

**Compressive strength:**

Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:**

Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:**

Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:**

NPD

**Reaction to fire:**

Euroclass A1

**Water absorption:**

NPD

**Water vapour diffusion coefficient:**

Fixed Value: 5/10

**Direct airborne sound insulation:**

Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:**

0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:**

Resistant to Freeze Thaw

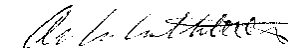
**Dangerous Substances:**

See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock  
12**

Category II, 440 x 300 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 300 (mm) x 140 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301251

## Declaration of Performance

DOP/HANUK/TH/6301251

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

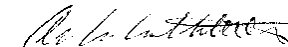
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock  
12**

Category II, 440 x 355 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 355 (mm) x 140 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301374

## Declaration of Performance

DOP/HANUK/TH/6301374

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

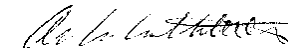
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock T and G  
12**

Category II, 440 x 255 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 255 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

Solid

**Configuration:**

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300544

## Declaration of Performance

DOP/HANUK/TH/6300544

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock T and G  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:**

category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:**

Solid

**Compressive strength:**

Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:**

Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:**

Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:**

NPD

**Reaction to fire:**

Euroclass A1

**Water absorption:**

NPD

**Water vapour diffusion coefficient:**

Fixed Value: 5/10

**Direct airborne sound insulation:**

Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:**

0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:**

Resistant to Freeze Thaw

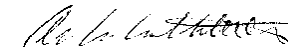
**Dangerous Substances:**

See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock T and G  
12**

Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 275 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300551

## Declaration of Performance

DOP/HANUK/TH/6300551

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock T and G  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

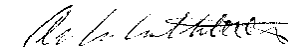
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock T and G  
12**

Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 300 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300568

## Declaration of Performance

DOP/HANUK/TH/6300568

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock T and G  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

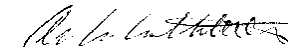
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Trenchblock T and G  
12**

Category II, 440 x 355 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 355 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300575

## Declaration of Performance

DOP/HANUK/TH/6300575

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Trenchblock T and G  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 3.60 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

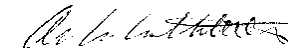
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock  
12**

Category II, 440 x 255 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 255 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300407

## Declaration of Performance

DOP/HANUK/TH/6300407

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

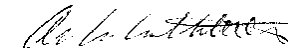
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock  
12**

Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 275 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300414

## Declaration of Performance

DOP/HANUK/TH/6300414

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

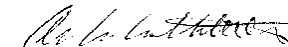
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock  
12**

Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 300 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300421

## Declaration of Performance

DOP/HANUK/TH/6300421

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

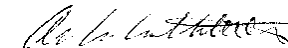
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock  
12**

Category II, 440 x 355 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 355 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300438

## Declaration of Performance

DOP/HANUK/TH/6300438

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

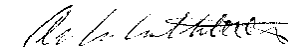
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock  
12**

Category II, 440 x 275 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 275 (mm) x 140 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301169

## Declaration of Performance

DOP/HANUK/TH/6301169

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

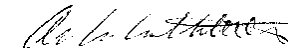
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock  
12**

Category II, 440 x 300 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 300 (mm) x 140 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301596

## Declaration of Performance

DOP/HANUK/TH/6301596

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

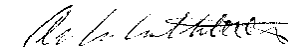
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock  
12**

Category II, 440 x 355 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 355 (mm) x 140 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301336

## Declaration of Performance

DOP/HANUK/TH/6301336

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

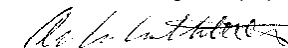
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock T and G  
12**

Category II, 440 x 255 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 255 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300162

**Declaration of Performance**

DOP/HANUK/TH/6300162

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock T and G  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

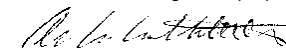
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock T and G  
12**

Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 275 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300179

**Declaration of Performance**

DOP/HANUK/TH/6300179

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock T and G  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

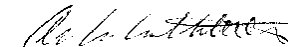
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock T and G  
12**

Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 300 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300186

**Declaration of Performance**

DOP/HANUK/TH/6300186

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock T and G  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

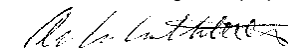
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Trenchblock T and G  
12**

Category II, 440 x 355 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 355 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300193

**Declaration of Performance**

DOP/HANUK/TH/6300193

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Trenchblock T and G  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

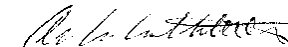
**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Coursing Unit  
12**

Category II, 215 x 100 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 100 (mm) x 65 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300018

## Declaration of Performance

DOP/HANUK/TH/6300018

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Coursing Unit  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

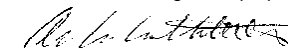
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Coursing Unit  
12**

Category II, 215 x 115 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 115 (mm) x 65 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300025

## Declaration of Performance

DOP/HANUK/TH/6300025

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Coursing Unit  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 115 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

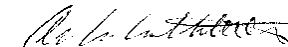
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Coursing Unit  
12**

Category II, 215 x 125 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 125 (mm) x 65 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300032

## Declaration of Performance

DOP/HANUK/TH/6300032

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Coursing Unit  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 125 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

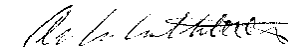
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Coursing Unit  
12**

Category II, 215 x 140 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 140 (mm) x 65 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300049

## Declaration of Performance

DOP/HANUK/TH/6300049

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Coursing Unit  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 140 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

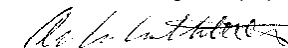
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Coursing Unit  
12**

Category II, 215 x 150 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 150 (mm) x 65 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 730 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300056

## Declaration of Performance

DOP/HANUK/TH/6300056

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Coursing Unit  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 150 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 7.30 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 730 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.16 W/m.K [ $\lambda_{10,dry}$  unit, S2]

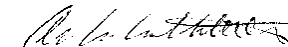
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Coursing Block  
12**

Category II, 440 x 100 x 65 mm autoclaved aerated concrete masonry units

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 65 (mm)	
<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
<b>Dimension Stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond Strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water Absorption:</b>	NPD	
<b>Water vapour diffusion coefficient :</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	730 kg/m <sup>3</sup>
	Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301114

**Declaration of Performance**

DOP/HANUK/TH/6301114

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Coursing Block  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 65 mm, autoclaved aerated concrete masonry units

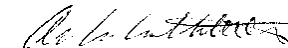
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
<b>Dimensional stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water absorption:</b>	NPD	
<b>Water vapour diffusion coefficient:</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	730 kg/m <sup>3</sup>
	Configuration:	As above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Coursing Block  
12**

Category II, 440 x 115 x 65 mm autoclaved aerated concrete masonry units

<b>Dimensions:</b>	440 (mm) x 115 (mm) x 65 (mm)	
<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
<b>Dimension Stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond Strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water Absorption:</b>	NPD	
<b>Water vapour diffusion coefficient :</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	730 kg/m <sup>3</sup>
	Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301121

**Declaration of Performance**

DOP/HANUK/TH/6301121

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Coursing Block  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 65 mm, autoclaved aerated concrete masonry units

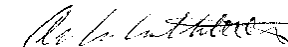
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
<b>Dimensional stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water absorption:</b>	NPD	
<b>Water vapour diffusion coefficient:</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	730 kg/m <sup>3</sup>
	Configuration:	As above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Coursing Block  
12**

Category II, 440 x 140 x 65 mm autoclaved aerated concrete masonry units

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 65 (mm)	
<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
<b>Dimension Stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond Strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water Absorption:</b>	NPD	
<b>Water vapour diffusion coefficient :</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	730 kg/m <sup>3</sup>
	Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301138

**Declaration of Performance**

DOP/HANUK/TH/6301138

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Coursing Block  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 65 mm, autoclaved aerated concrete masonry units

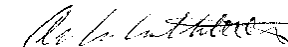
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
<b>Dimensional stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water absorption:</b>	NPD	
<b>Water vapour diffusion coefficient:</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	730 kg/m <sup>3</sup>
	Configuration:	As above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 7 Coursing Block  
12**

Category II, 440 x 150 x 65 mm autoclaved aerated concrete masonry units

<b>Dimensions:</b>	440 (mm) x 150 (mm) x 65 (mm)	
<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
<b>Dimension Stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond Strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water Absorption:</b>	NPD	
<b>Water vapour diffusion coefficient :</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	730 kg/m <sup>3</sup>
	Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301626

**Declaration of Performance**

DOP/HANUK/TH/6301626

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 7 Coursing Block  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 65 mm, autoclaved aerated concrete masonry units

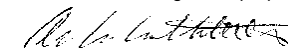
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4  
Regulation (EU): 305/2011

<b>Dimensional tolerances:</b>	category:	GPLM (unless stated otherwise on the delivery ticket)
<b>Configuration:</b>	Solid	
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
<b>Dimensional stability:</b>	Moisture Movement:	Nominal 0.40 mm/m
<b>Shear Bond strength:</b>	Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD	
<b>Reaction to fire:</b>	Euroclass A1	
<b>Water absorption:</b>	NPD	
<b>Water vapour diffusion coefficient:</b>	Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	Gross density:	730 kg/m <sup>3</sup>
	Configuration:	As above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry}$ unit, S2]	
<b>Durability against freeze-thaw:</b>	NPD	
<b>Dangerous Substances:</b>	See Note	

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Coursing Unit  
12**

Category II, 215 x 100 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 100 (mm) x 65 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300087

## Declaration of Performance

DOP/HANUK/TH/6300087

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Coursing Unit  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

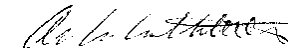
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Coursing Unit  
12**

Category II, 215 x 115 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 115 (mm) x 65 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300100

## Declaration of Performance

DOP/HANUK/TH/6300100

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Coursing Unit  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 115 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

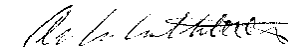
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Coursing Unit  
12**

Category II, 215 x 125 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 125 (mm) x 65 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300117

## Declaration of Performance

DOP/HANUK/TH/6300117

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Coursing Unit  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 125 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

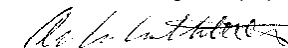
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Coursing Unit  
12**

Category II, 215 x 140 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 140 (mm) x 65 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300131

## Declaration of Performance

DOP/HANUK/TH/6300131

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Coursing Unit  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 140 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

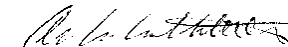
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Coursing Unit  
12**

Category II, 215 x 150 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 150 (mm) x 65 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300148

## Declaration of Performance

DOP/HANUK/TH/6300148

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Coursing Unit  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 150 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat II]

**Dimensional stability:** Moisture Movement: Nominal 0.40 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10,dry}$  unit, S2]

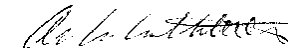
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note:** Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6300445

## Declaration of Performance

DOP/HANUK/TH/6300445

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

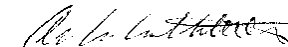
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6300469

## Declaration of Performance

DOP/HANUK/TH/6300469

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

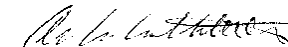
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 150 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6300476

## Declaration of Performance

DOP/HANUK/TH/6300476

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

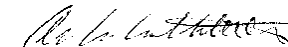
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 190 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6300483

## Declaration of Performance

DOP/HANUK/TH/6300483

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

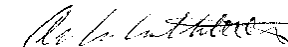
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 200 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6300490

## Declaration of Performance

DOP/HANUK/TH/6300490

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

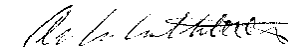
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 215 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6300506

## Declaration of Performance

DOP/HANUK/TH/6300506

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

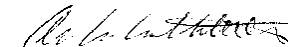
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 440 x 275 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 275 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6300513

## Declaration of Performance

DOP/HANUK/TH/6300513

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10,dry}$  unit, S2]

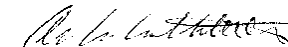
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 300 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10,dry}$  unit, S2]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6300520

## Declaration of Performance

DOP/HANUK/TH/6300520

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10,dry}$  unit, S2]

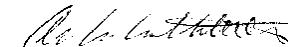
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 440 x 355 x 215 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 355 (mm) x 215 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6300445

## Declaration of Performance

DOP/HANUK/TH/6300445

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

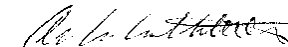
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013





13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 440 x 275 x 140 mm autoclaved aerated concrete masonry units

**Dimensions:** 440 (mm) x 275 (mm) x 140 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6301466

## Declaration of Performance

DOP/HANUK/TH/6301466

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 275 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+  
Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

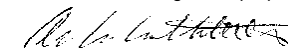
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the  
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 215 x 100 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 100 (mm) x 65 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6301565

## Declaration of Performance

DOP/HANUK/TH/6301565

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

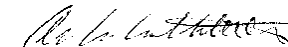
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 215 x 140 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 140 (mm) x 65 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6301602

## Declaration of Performance

DOP/HANUK/TH/6301602

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 215 x 140 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

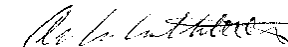
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013



13333

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

**BS EN 771-4:2011**

**Hi Strength 10  
12**

**13333-CPD-00149**

Category I, 215 x 150 x 65 mm autoclaved aerated concrete masonry units

**Dimensions:** 215 (mm) x 150 (mm) x 65 (mm)

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

See Also Declaration of Performance DOP/HANUK/TH/6301619

## Declaration of Performance

DOP/HANUK/TH/6301619

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

**Hi Strength 10  
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 215 x 150 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011

**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)

**Configuration:** Solid

**Compressive strength:** Mean 9.0 N/mm<sup>2</sup> [ $\perp$  bed face, whole unit]. [Cat I]

**Dimensional stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 770 kg/m<sup>3</sup>  
Configuration: As above

**Thermal conductivity:** 0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

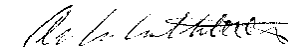
**Durability against freeze-thaw:** NPD

**Dangerous Substances:** See Note

**Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.**

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

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 14 November 2013