

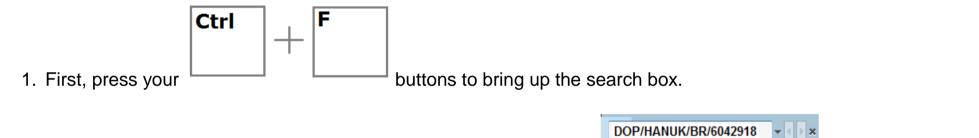
Hanson Building Products

Atherstone Road Measham Swadlincote DE12 7EL Phone 01530 270333

www.hansonbuildingproducts.co.uk

and press enter.

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



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

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

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

Yours sincerely,

Rela Cathleta

Carl Cuthbert Head of Quality and Clay Services Hanson Building Products



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 FULWOOD MULTI		Declaration of DOP/HANUK/B The undersigned, repress Hanson Building Measham Works, At Measham, Di Confirms	R/6152013 enting the following: g Products herstone Road, E12 7EL
15		FULWOOD	MULTI
		Manufacturing Plant:	ACCRINGTON
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	15	
Dimensional tolerances:		15	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulati	on: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category Range category	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value): Direct airborne sound insulation:	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Gross density	
Configuration:	Vertically Perforated 18-28% Voids	Configuration Equivalent thermal conductivity:	<ul> <li>Vertically Perforated 18-28% Voids</li> <li>0.79 W/m.K [λ<sub>10,dry</sub>]</li> </ul>
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in a accordance with the manufacturer's instructions and gen	

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

Signed on behalf of the anufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of F DOP/HANUK/BF The undersigned, represe Hanson Building Measham Works, Ath Measham, DE Confirms t	<b>2/6152419</b> nting the following: Products erstone Road, 12 7EL
HOLLINS RUS	SETT		
06		HOLLINS RU	SSETT
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: A	ACCRINGTON
Dimensional tolerances:		06	
Tolerance category:	To	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
, s		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:			
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	00/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-23% Voids	Configuration: Equivalent thermal conductivity:	Vertically Perforated 18-23% Voids 0.71 W/m.K [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.71 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

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

Signed on behalf of the data manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		DOP/HANUI The undersigned, rep Hanson Buil Measham Works Measham	Performance V/BR/6166010 resenting the following: ding Products Atherstone Road, , DE12 7EL ms that:
FARMSTEAD A	NTIQUE		
15		FARMSTE/	AD ANTIQUE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	ant: ACCRINGTON
<b>B</b>		15	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:	R1		
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categ	ory: T2
Active soluble salt content:	S2	Range categ	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	00,100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup> 50/100
Direct airborne sound insulation:	2	value): Direct airborne sound insulation:	50/100
Gross density:	1700 kg/m³ (D1)	Gross dens	
Configuration:	Vertically Perforated 18-28% Voids	Configurat Equivalent thermal conductivity:	on: Vertically Perforated 18-28% Voids 0.79 W/m.Κ [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1:	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed i general purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 HARTHILL RED		Declaration of Performance DOP/HANUK/BR/6152310 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
		HARTHILL	RED
15		Manufacturing Plant:	CCPINGTON
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: A	
Dimensional tolerances:		15	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	To
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm² [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1700 kg/m³ (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 18-28% Voids	Gross density: Configuration:	1700 kg/m <sup>3</sup> (D1) Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	nformity with the declared values, when installed in

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

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 HERITAGE RUSSET MIXTURE		Declaration of Performance DOP/HANUK/BR/6513418 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
15	IMIXTORE	HERITAGE RUSSE	T MIXTURE
		Manufacturing Plant: A	ACCRINGTON
Category II, HD, 215 x 102.5 x 65	mm, day masonry units	15	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised Europear	n Standard: <b>BS EN 771-1:2011</b>
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	To
Active soluble salt content:	S2	Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm² [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	00/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:	3	value): Direct airborne sound insulation:	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configuration: Equivalent thermal conductivity:	Vertically Perforated 18-28% Voids 0.79 W/m K [ $\lambda_{10,drv}$ ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and generations and generations and generations and generations and generations and generations according to the second s	

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

Signed on behalf of the

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6162111 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
LANGWITH RED	RUSTIC		
15		LANGWITH	RED RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pl	ant: ACCRINGTON
Dimensional tolerances:		15	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance categ Range categ	
		Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	<b>sity:</b> 1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Gross den Configura	ion: Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed in general purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6165617 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
MEADOW R	ED		
15		MEADOW R	ED
		Manufacturing Plant: A	CCRINCTON
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	, i i i i i i i i i i i i i i i i i i i	
Dimensional tolerances:		15	
Tolerance category:	Τ2	Conforms to the Harmonised European	Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System Regulation: EU No 305/2011	
Water absorption:	7 %	Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configuration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity:         0.79 W/m.K [λ <sub>10,dry</sub> ]           Dimensional stability / Moisture Movement:         NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

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

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1 Confirms th	6005517 hting the following: Products erstone Road, 2 7EL	
ACCRINGTON CLASS B EN	GINEERING 65mm				
15			ACCRINGTON CLASS B EN	IGINEERING 65mm	
Category II, HD, 215 x 102.5 x 65	mm clay masonry units		Manufacturing Plant: A	CCRINGTON	
Category 1, 112, 213 x 102.5 x 03			15		
Dimensional tolerances:					
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %		Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2		Dimensional tolerances:	To	
Active soluble salt content:	S2		Tolerance category: Range category:	T2 R1	
Reaction to fire:	Class A1		Compressive strength: Water absorption:	75 N/mm² [⊥ bed face] 7 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw:	F2	
Water vapour diffusion coefficient (EN 1745 table			Active soluble salt content: Reaction to fire:	S2 Class A1	
value):	50/100		Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1700 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density:	1700 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 18-28% Voids		Configuration:	Vertically Perforated 18-28% Voids	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD		Dangerous Substances: See Note		
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is in conformity with the declared values, when installe accordance with the manufacturer's instructions and general purpose or lightweight mortars.		

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

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6005579 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: ACCRINGTON CLASS B ENGINEERING 75mm ACCRINGTON CLASS B ENGINEERING 75mm 06 Manufacturing Plant: ACCRINGTON Category II, HD, 215 x 102.5 x 75mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II. HD. 215 x 102.5 x 75mm. clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 75 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 7% Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 75 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 7% Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1700 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1700 kg/m<sup>3</sup> (D1) Vertically Perforated 18-23% Voids Configuration: Configuration: Vertically Perforated 18-23% Voids Equivalent thermal conductivity: 0.71 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.71 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

Other Information: Dry weight per brick: 3. kg

Bricks per pack: 396

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

value):

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

Signed on behalf of the manufacturer:

No la lathere

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Athe Measham, DE1 Confirms th	<b>/6005555</b> hting the following: Products erstone Road, 2 7EL
ACCRINGTON CLASS B	NG SOLID 65mm		
15		ACCRINGTON CLASS B	ENG SOLID 65mm
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: A	CCRINGTON
	, , ,	15	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2	Range category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Compressive strength: Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	2150 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	
Configuration:	Solid	Gross density: Configuration:	2150 kg/m³ (D1) Solid
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and generations and generations and generations and generations and generations and generations according to the second s	

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

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 RUSSET MIXTURE		Declaration of Performance DOP/HANUK/BR/6167819 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6167819 ting the following: Products rstone Road, 2 7EL
			RUSSET MIXT	URE
07		Manufac	cturing Plant: A	CCRINGTON
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manurac	Ū.	CCRINGTON
Dimensional tolerances:		07		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	Regulation: EU No 305/2011		: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:		
Active soluble salt content:	S2	Rang	ce category: ge category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 17 value):	745 table	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-23% Voids	Co	onfiguration:	Vertically Perforated 18-23% Voids
Equivalent thermal conductivity:	0.71 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movemen	nt:	0.71 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substant appropriate form. See Annex ZA3 of BS E		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified a accordance with the manufacturer's instructi		formity with the declared values, when installed i al purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6165914 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
WOODSIDE MI	KIURE	WOODSIDE MI	XTURE
15			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: A	CCRINGTON
Dimensional tolerances:		15	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-23% Voids	Configuration: Equivalent thermal conductivity:	Vertically Perforated 18-23% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and generations and generations and generations and generations and generations and generations accordance with the manufacturer's instructions and generations accordance with the manufacturer's instructions and generations and generations accordance with the manufacturer's instructions and generations and generations accordance with the manufacturer's instructions and generations and generations accordance with the manufacturer's instructions accordance with the manufacturery instructions accord	

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

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6029018 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6029018 ting the following: Products rrstone Road, 2 7EL
BRAEMAR RED	RUSTIC			
14		BRAI	EMAR RED	RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactu	uring Plant: <b>C</b>	LAUGHTON
Dimensional tolerances:			14	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	40 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		Appex ZA of BS EN 771-1:2011 System 4
Water absorption:	10 %	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances:		
Active soluble salt content:	S2		e category: e category:	T2 R1
		Compressive strength:	g j-	40 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		10 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	:	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 value):		50/100
Gross density:	1600 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ss density:	1600 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Cont	figuration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	:	0.72 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified ab accordance with the manufacturer's instruction		formity with the declared values, when installed in al purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			Declaration of Performance DOP/HANUK/BR/6026116 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
LAGGAN MIX	TURE		LAGGAN M	IYTI IDE
14				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant	CLAUGHTON
Dimensional tolerances:			14	
Tolerance category:	Τ2		Conforms to the Harmonised Europe	an Standard: BS EN 771-1:2011
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	40 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	10 %		Regulat	on: EU No 305/2011
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance category	: Т2
Active soluble salt content:	S2		Compressive strength:	
Reaction to fire:	Class A1		Water absorption:	10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1600 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density	: 1600 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids		Configuration	: Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.72 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note	[	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is in accordance with the manufacturer's instructions and ger	

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

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6025515 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: LOCHABER RED BLEND LOCHABER RED BLEND 08 Manufacturing Plant: CLAUGHTON Category II, HD, 215 x 102.5 x 65mm, clay masonry units 08 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II. HD. 215 x 102.5 x 65mm. clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 35 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 11 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 35 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 11 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1550 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1550 kg/m<sup>3</sup> (D1) Vertically Perforated 18-23% Voids Configuration: Configuration: Vertically Perforated 18-23% Voids Equivalent thermal conductivity: 0.68 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.68 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information: Dry weight per brick: 2.25kg

Bricks per pack: 520

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

Signed on behalf of the manufacturer:

No la lathere

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6026314 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6026314 ting the following: Products rstone Road, 2 7EL
MORAY RED MI	XTURE			VTUDE
14		MO	RAY RED MI	XIORE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufact	turing Plant: <b>C</b>	LAUGHTON
Dimensional tolerances:			14	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	40 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	10 %		Regulation	: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	e category:	Т2
Active soluble salt content:	S2	Range	e category:	R1 40 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Compressive strength: Water absorption:		10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2)	):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174 value):		50/100
Gross density:	1600 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	oss density:	1600 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Con	nfiguration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement	t:	0.72 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified at accordance with the manufacturer's instruction		formity with the declared values, when installed ir al purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 OLD TRAFFORD RED		Declaration of Performance DOP/HANUK/BR/6019613 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
14		OLD TRAFFOR	RD RED
		Manufacturing Plant: (	CLAUGHTON
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	14	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised Europear	n Standard: <b>BS EN 771-1:2011</b>
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	10 %	Regulation	n: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	To
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	40 N/mm <sup>2</sup> [⊥ bed face] 10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value): Direct airborne sound insulation:		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup> 50/100
	4000 hz/z <sup>3</sup> (D4)	value): Direct airborne sound insulation:	00/100
Gross density:	1600 kg/m <sup>3</sup> (D1)	Gross density:	1600 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configuration: Equivalent thermal conductivity:	Vertically Perforated 18-28% Voids 0.72 W/m K [ $\lambda_{10,drv}$ ]
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

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

le la la there Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6076715 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6076715 ting the following: Products rstone Road, 2 7EL
RANNOCH MUL	TI RED		RANNOCH MUL	TIRED
14				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manut	facturing Plant: C	LAUGHTON
Dimensional tolerances:			14	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	40 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		Regulation	. EU NU 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolera	ance category:	Т2
Active soluble salt content:	S2		ange category:	R1 40 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		10 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1600 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1600 kg/m³ (D1)
Configuration:	Vertically Perforated 18-28% Voids		Configuration:	Vertically Perforated 18-28% Voids 0.72 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movem	nent:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instru		formity with the declared values, when installed in al purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		<b>DOP/HANUł</b> The undersigned, rep Hanson Buil Measham Works	Performance //BR/6026611 resenting the following: ding Products Atherstone Road,
BS EN 771-1:			DE12 7EL ns that:
SCOTLAND LAGGA	NMIXTURE		
06		SCOTLAND LA	GGAN MIXTURE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pl	ant: CLAUGHTON
Dimensional tolerances:		(	6
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	35 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	11 %	Kegu	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance catego Range catego Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	11 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross dens	ity: 1550 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-23% Voids	Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.67 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will o appropriate form. See Annex ZA3 of BS EN 771-1:	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is accordance with the manufacturer's instructions and	

See Also Declaration of Performance DOP/HANUK/BR/6026611

Signed on behalf of the manufacturer:

as la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6025812 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
TUMMEL RED	MULTI		
08		TUMMEL RED	MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	CLAUGHTON
		08	
Dimensional tolerances:		Oraclements the University of Events and Oracle at BO EN 774 4-9944	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: <b>BS EN 771-1:2011</b>	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	35 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	11 %	Regulation	1. EU NO 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	<b>T</b> 0
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	35 N/mm <sup>2</sup> [⊥ bed face] 11 %
		Durability against freeze-thaw:	F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content: Reaction to fire:	S2 Class A1
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	2
Configuration:	Vertically Perforated 18-23% Voids	Gross density: Configuration:	1550 kg/m <sup>3</sup> (D1) Vertically Perforated 18-23% Voids
Equivalent thermal conductivity:	0.68 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.68 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in co accordance with the manufacturer's instructions and gener	al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6025812

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6014311 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		<b>76014311</b> hting the following: Products erstone Road, 2 7EL
VICTORIAN MI	KTURE	VICT		YTUDE
14		-		-
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturi	ing Plant: <b>C</b>	CLAUGHTON
Dimensional tolerances:			14	
Tolerance category:	Т2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		Regulation	I. EU NU 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance of	ategory.	Τ2
Active soluble salt content:	S2		category:	R1 40 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 value):	table	50/100
Gross density:	1600 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	density:	1600 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids		guration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		0.72 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified about accordance with the manufacturer's instructions		nformity with the declared values, when installed in al purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6017923 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6017923 ting the following: Products irstone Road, 2 7EL
WENTWORTH M	IXTURE			
14			WENTWORTH M	IXTURE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Mar	nufacturing Plant: C	LAUGHTON
Dimensional tolerances:			14	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		rtegulation	. 20 110 000/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	erance category:	Т2
Active soluble salt content:	S2		Range category:	R1 40 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		10 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 9		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):	IN 1745 table	50/100
Gross density:	1600 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1600 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Move	ement:	0.72 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous sub- appropriate form. See Annex ZA3 of	stances will only b BS EN 771-1:2011.	be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identif accordance with the manufacturer's inst		nformity with the declared values, when installed in al purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6025713 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6025713 ting the following: Products prstone Road,
BS EN 771-1:			Confirms the	
BALLATER E	OFF			
08			BALLATER B	SUFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manu	ufacturing Plant: C	LAUGHTON
			08	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Tolerance category:	T2	Contomis to the mannonised European Standard. BS EN 771-1.2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	35 N/mm <sup>2</sup> [1 bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	11 %			
Durability against freeze-thaw:	F2	Dimensional tolerances:	ance category:	Т2
Active soluble salt content:	S2		ange category:	R1 35 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		11 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	l 1745 table	50/100
Gross density:	1520 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1520 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-23% Voids		Configuration:	Vertically Perforated 18-23% Voids 0.66 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.66 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Mover	ment:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous subst appropriate form. See Annex ZA3 of B		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identifie accordance with the manufacturer's instru		formity with the declared values, when installed in al purpose or lightweight mortars.

Other Information: Dry weight per brick: 2.2 kg

Bricks per pack: 475

See Also Declaration of Performance DOP/HANUK/BR/6025713

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6025911 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
BRAEMAR BUFF	RUSTIC		
14		BRAEMAR BUFF	RUSTIC
		Manufacturing Plant: C	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	14	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, Syster Regulation: EU No 305/2011	
Water absorption:	7 %		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category: Compressive strength:	R1 40 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configuration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.72 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in cor accordance with the manufacturer's instructions and gener	

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

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6015011 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6015011 ting the following: Products rstone Road, 2 7EL
CALDERDALE STRA	AW RUSTIC			
14		CALDEI	RDALE STRA	AW RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufact	turing Plant: <b>C</b>	LAUGHTON
Dimensional tolerances:			14	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance	e category:	Т2
Active soluble salt content:	S2		e category:	R1 40 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2)		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174 value):	15 table	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	oss density:	1550 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids		nfiguration:	Vertically Perforated 18-28% Voids 0.72 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement	t:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified at accordance with the manufacturer's instructio		formity with the declared values, when installed in al purpose or lightweight mortars.

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

ale la lathere i

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6018715 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
CUMBRIA BUFF	RUSTIC	CUMBRIA BUFF	
14			Koono
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	CLAUGHTON
Dimensional tolerances:		14	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	40 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulatio	n: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m³ (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configuration: Equivalent thermal conductivity:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.72 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

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

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6028813 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
INGLEBOROUGH B		INGLEBOROUGH E	BUFF MULTI	
		Manufacturing Plant:		
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units			
Dimensional tolerances:		14		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	Regulatio	n: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	To	
Active soluble salt content:	S2	Range category:	R1	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	40 N/mm <sup>2</sup> [⊥ bed face] 7 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1550 kg/m³ (D1)	Direct airborne sound insulation:	4550 h-( <sup>3</sup> (D4)	
Configuration:	Vertically Perforated 18-28% Voids	Gross density: Configuration:		
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.72 W/m.Κ [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene		

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

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of DOP/HANUK/BI The undersigned, represe Hanson Building Measham Works, Att Measham, DE	R/6027021 enting the following: Products erstone Road,	
BS EN 771-1:	2011	Confirms	hat:	
MURRAYFIELD BUFF	MULTI RUSTIC			
14		MURRAYFIELD BUFF	MULTI RUSTIC	
Category II, HD, 215 x 102.5 x 65	mm. clav masonrv units	Manufacturing Plant:	CLAUGHTON	
		14		
Dimensional tolerances:		Our former to the Unemergianal Former on Other Jords DO EN 774 4-0044		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %	Regulatio	II. LU NU 303/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2	
Active soluble salt content:	S2	Range category:	R1	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	40 N/mm² [⊥ bed face] 7 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1	
value): Direct airborne sound insulation:		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup> 50/100	
Gross density:	1550 kg/m <sup>3</sup> (D1)	value): Direct airborne sound insulation:		
Configuration:		Gross density: Configuration:		
-	Vertically Perforated 18-28% Voids	Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	
Equivalent thermal conductivity:	0.72 W/m.Κ [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement: Dangerous Substances:	NPD See Note	
Dimensional stability: Dangerous Substances:	NPD See Note	Note: Information on Dangerous substances will only	be given when and where required in the	
Dangerous Substances:		appropriate form. See Annex ZA3 of BS EN 771-1:201		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in c accordance with the manufacturer's instructions and gene		

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

le la Catheren Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6042239 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6042239 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
SCOTLAND ASHBY	LIGHT BUFF			
08		sco	OTLAND ASHBY I	LIGHT BUFF
		Man	ufacturing Plant: C	LAUGHTON
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		08	
Dimensional tolerances:				
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	35 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	11 %		Regulation	EU NO 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	rance category:	To
Active soluble salt content:	S2	R	Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		35 N/mm <sup>2</sup> [⊥ bed face] 11 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:		Class A1
value): Direct airborne sound insulation:		Bond strength (Fixed value from EN 9 Water vapour diffusion coefficient (EN		0.15 N/mm <sup>2</sup> 50/100
	4500 4 ( 3 (D4)	value): Direct airborne sound insulation:		50/100
Gross density:	1520 kg/m³ (D1)		Gross density:	1520 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-23% VOIDS	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 18-23% VOIDS 0.66 W/m.K [λ <sub>10.dr</sub> ]
Equivalent thermal conductivity:	0.66 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Move	ment:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous subs appropriate form. See Annex ZA3 of B		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instr		formity with the declared values, when installed a purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6042239

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		DOP/H/ The undersigned Hansor Measham W Meas	ANUK/BR/ d, represer	nting the following: Products erstone Road, 2 7EL
TORRIDON BUF	FMULTI			
14		TORRI	DON BUF	FMULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturir	ng Plant: <b>(</b>	CLAUGHTON
Dimensional tolerances:			14	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x	102.5 x 65	mm, clay masonry units
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]			Annex ZA of BS EN 771-1:2011, System 4
Water absorption:	7 %		Regulation	n: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance c	ategory.	Τ2
Active soluble salt content:	S2		ategory:	R1 40 N/mm <sup>2</sup> [ $\perp$ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 t value):	able	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	density:	1550 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids		guration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		0.72 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified abov accordance with the manufacturer's instructions		nformity with the declared values, when installed a purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		ם The unde	ation of P DOP/HANUK/BR/ rsigned, represen Hanson Building F sham Works, Athe Measham, DE1	ting the following: Products rstone Road,
BS EN 771-1:			Confirms the	
BANCHORY BUF	FMOLII	-		
08		E	BANCHORY BUF	FMOLII
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manu	ufacturing Plant: C	LAUGHTON
			08	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1-2011
Tolerance category:	T2	Conforms to the mannonised European Standard. BS EN 771-1.2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	35 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conf		Annex ZA of BS EN 771-1:2011, System 4 : EU No 305/2011
Water absorption:	11 %		- 3	
Durability against freeze-thaw:	F2	Dimensional tolerances:	ance category:	Т2
Active soluble salt content:	S2		ange category:	R1 35 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		11 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1520 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1520 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-23% Voids		Configuration:	Vertically Perforated 18-23% Voids
Equivalent thermal conductivity:	0.66 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Moven	nent:	0.66 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous subst appropriate form. See Annex ZA3 of B3		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identifie accordance with the manufacturer's instru		nformity with the declared values, when installed in al purpose or lightweight mortars.

Other Information: Dry weight per brick: 2.2 kg

Bricks per pack: 475

See Also Declaration of Performance DOP/HANUK/BR/6025614

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6012911 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Confirm	s that:	
CARNFORTH SMOO	OTH CREAM			
06		CARNFORTH SM	OOTH CREAM	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	t: CLAUGHTON	
Dimensional tolerances:		06		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %	Keyula	1011. EU NO 303/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance catego	<b>y</b> : T2	
Active soluble salt content:	S2	Compressive strength:		
Reaction to fire:	Class A1	Water absorption:	10 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1630 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 1630 ka/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 18-23% Voids	Configuratio	n: Vertically Perforated 18-23% Voids	
Equivalent thermal conductivity:	0.68 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.68 W/m.Κ [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:2		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge		

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

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

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

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/BR/6012812 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011		Confirms th		
KENDAL CREAM D	RAGFACED				
06			KENDAL CREAM D	RAGFACED	
			Manufacturing Plant:	CLAUGHTON	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units				
Dimensional tolerances:			06		
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	10 %		Regulatio	n: EU No 305/2011	
·			Dimensional tolerances:		
Durability against freeze-thaw:	F2		Tolerance category:	T2	
Active soluble salt content:	S2		Range category: Compressive strength:	R1 40 N/mm <sup>2</sup> [⊥ bed face]	
Reaction to fire:	Class A1		Water absorption:	10 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table			Reaction to fire:	Class A1	
value):	50/100		Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1630 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	3	
Configuration:	Vertically Perforated 18-23% Voids		Gross density: Configuration:		
Equivalent thermal conductivity:	0.68 W/m.K [λ <sub>10,drv</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.68 W/m.K [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD		Dangerous Substances:	See Note	
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		]	The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	ral purpose or lightweight mortars.	

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

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			Declaration of Performance DOP/HANUK/BR/6042215 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6042215 ting the following: Products rstone Road, 2 7EL
ASHBY LIGHT	BUFF				
06				ASHBY LIGHT	BUFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		M	anufacturing Plant:	DESFORD
Dimensional tolerances:				06	
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm² [⊥ bed face]	Pro	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	20 %			Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensio	ional tolerances:	erance category:	Т2
Active soluble salt content:	S2	Compres		Range category:	R1 30 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water ab	bsorption:		20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		ty against freeze-thaw: coluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		rength (Fixed value from EN 9		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water va value):	apour diffusion coefficient (E	N 1745 table	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)		irborne sound insulation:	Gross density:	1310 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Equivala	ent thermal conductivity:	Configuration:	Vertically Perforated 18-25% Voids 0.52 W/m.K [ $\lambda_{10,dry}$ ]
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensi	ional stability / Moisture Move	ement:	NPD
Dimensional stability:	NPD	Dangero	ous Substances:		See Note
Dangerous Substances:	See Note		formation on Dangerous subs iate form. See Annex ZA3 of I		e given when and where required in the
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20					formity with the declared values, when installed ir al purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/HAI The undersigned, Hanson I Measham Wo	of Performance NUK/BR/6040914 representing the following: Building Products orks, Atherstone Road, nam, DE12 7EL	
BS EN 771-1:			onfirms that:	
BECKTON YELLO	W MULTI			
06		BECKTON	N YELLOW MULTI	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturi	ng Plant: DESFORD	
Dimensional tolerances:			06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: S	Standard: Annex ZA of BS EN 771-1:20 egulation: EU No 305/2011	11, System 4
Water absorption:	20 %			
Durability against freeze-thaw:	F2	Dimensional tolerances:	torony To	
Active soluble salt content:	S2	Tolerance cat Range cat Compressive strength:		
Reaction to fire:	Class A1	Water absorption:	20 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 tal value):	ble 5/10	
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross d	<b>lensity:</b> 1310 kɑ/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 18-25% Voids	Configu	uration: Vertically Perforated 18-25%	Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.52 W/m.K [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 77		uired in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions a		

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

Signed on behalf of the dela

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6001816 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6001816 hting the following: Products erstone Road, 2 7EL
BOSWORTH C	REAM		BOSWORTH C	REAM
06			BOSWORINC	REAM
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	N	Nanufacturing Plant:	DESFORD
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Har	rmonised European	Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	20 %		Regulation	i: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	erance category:	Т2
Active soluble salt content:	S2		Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		30 N/mm <sup>2</sup> [⊥ bed face] 20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire:	009 2).	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:		Bond strength (Fixed value from EN Water vapour diffusion coefficient (E		0.15 N/mm <sup>-</sup> 5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	value): Direct airborne sound insulation:		o,
			Gross density:	1310 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 18-25% Voids 0.52 W/m.Κ [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Mov	vement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	atomooo will a - b - b	See Note
Dangerous Substances:	See Note	appropriate form. See Annex ZA3 of		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identia accordance with the manufacturer's ins		nformity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6001816

ale la lathlerez

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			DOP/I The undersign Hans Measham	<b>/HANUK/BR/</b> / ned, represen son Building F	ting the following: Products rstone Road,
BS EN 771-1:	2011			Confirms the	at:
BUILD CENTER	BUFF				
06			BUI	ILD CENTER	BUFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufac	cturing Plant:	DESFORD
Dimensional tolerances:				06	
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	20 %			Regulation	. 2010 303/2011
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance	e category:	Т2
Active soluble salt content:	S2			e category:	R1 30 N/mm² [⊥ bed face]
Reaction to fire:	Class A1		Water absorption:		20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 value):	5 table	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gros	ss density:	1310 ko/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids		Conf	figuration:	Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	:	0.52 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified abo accordance with the manufacturer's instruction		nformity with the declared values, when installed ir al purpose or lightweight mortars.

Other Information: Dry weight per brick: 1.9 kg

Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6059619

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 BURWELL BUFF		Declaration of Performance DOP/HANUK/BR/6023115 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
14		BURWELI	BUFF
		Manufacturing Pla	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		
Dimensional tolerances:		14	
Tolerance category:	T2	Conforms to the Harmonised Europe	ean Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	20 %	Regula	ion: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	70
Active soluble salt content:	S2	Tolerance categor Range categor	<b>/:</b> R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	30 N/mm <sup>2</sup> [⊥ bed face] 20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>/:</b> 1310 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configuration	: Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.52 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge	

See Also Declaration of Performance DOP/HANUK/BR/6023115

Signed on behalf of the

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Measham Wo	NUK/BR/ represen Building F	6004015 ting the following: Products rstone Road,
BS EN 771-1:	2011		onfirms the	
CEDAR GO	LD			
06		CE	DAR GO	LD
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturi	ng Plant:	DESFORD
Dimensional tolerances:			06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	20 %		ogulation	. 20110 000/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance ca	togony	Т2
Active soluble salt content:	S2	Compressive strength:		R1 30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 ta value):	ble	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross c	lensity:	1310 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configu		Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:		0.52 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above accordance with the manufacturer's instructions a		nformity with the declared values, when installed i al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6004015

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/I- The undersigne Hanso Measham	HANUK/BR/ ed, represen on Building F	ting the following: Products Irstone Road,
BS EN 771-1:	2011		Confirms the	at:
	JLTI BUFF			
06		COUNT	RYSIDE MU	JLTI BUFF
		Manufact	turing Plant:	DESFORD
Category II, HD, 215 x 102.5 x 65	mm, day masonry units		06	
Dimensional tolerances:				
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	20 %		Regulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance	category.	Τ2
Active soluble salt content:	S2	Range	category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		30 N/mm <sup>2</sup> [⊥ bed face] 20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire:		Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745		0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):		5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross	s density:	1310 kg/m <sup>3</sup> (D1)
Configuration:	VerticallyPerforated 18-25% VOIDS	Confi Equivalent thermal conductivity:	iguration:	VerticallyPerforated 18-25% VOIDS 0.52 W/m.Κ [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified abc accordance with the manufacturer's instructions		formity with the declared values, when installed al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6005616

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			DOP/HA The undersigned Hanson Measham W	ANUK/BR/ I, represer	nting the following: Products erstone Road,
BS EN 771-1:	2011			confirms th	
ELGIN BU	FF				
06			E	LGIN BU	FF
			Manufactu	ring Plant:	DESFORD
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units			06	
Dimensional tolerances:					
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	15 %		ľ	Regulation	I. EU NO 303/2011
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance ca	atogory:	Τ2
Active soluble salt content:	S2		Range ca		R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:		50 N/mm <sup>2</sup> [⊥ bed face] 15 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	5/10		Reaction to fire:		Class A1
value): Direct airborne sound insulation:	<u></u>		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 ta	able	0.15 N/mm <sup>2</sup> 5/10
Gross density:	1380 kg/m³ (D1)		value): Direct airborne sound insulation:		
Configuration:	Vertically Perforated 18-25% Voids			density: juration:	1380 kg/m <sup>3</sup> (D1) Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.53 W/m.K [λ <sub>10.drv</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:		0.53 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		]		re is in co	nformity with the declared values, when installed i

See Also Declaration of Performance DOP/HANUK/BR/6006613

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/H The undersigner Hanso Measham V	IANUK/BR/ ed, represer	nting the following: Products erstone Road,
BS EN 771-1:			Confirms th	
HARBOROUGH BU	JFF MULTI			
06		HARBOF	ROUGH BL	JFF MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactu	uring Plant:	DESFORD
Dimensional tolerances:			06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	20 %		rtogulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance of	catogory:	Τ2
Active soluble salt content:	S2		category:	12 R1 30 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 to value):	table	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	s density:	1310 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Config	guration:	Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:		0.52 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified abor accordance with the manufacturer's instructions		nformity with the declared values, when installed i al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6041119

le la Cathelica Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			DOP/ The undersign Hans Measham	/HANUK/BR/	ting the following: Products rstone Road,
BS EN 771-1:	2011			Confirms that	at:
HENLEY YEL	LOW				
06			н	IENLEY YELI	LOW
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacto	turing Plant: <b>K</b>	INGS DYKE
Dimensional tolerances:				06	
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	20 %			Regulation	. 20 10 000/2011
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance	e category:	Т2
Active soluble salt content:	S2			e category:	R1 30 N/mm² [⊥ bed face]
Reaction to fire:	Class A1		Water absorption:		20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Reaction to fire: Bond strength (Fixed value from EN 998-2)		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1749 value):	is table	5/10
Gross density:	1520 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	ss density:	1520 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-23% Voids			nfiguration:	Vertically Perforated 18-23% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]		Dimensional stability / Moisture Movement	t:	0.54 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified ab accordance with the manufacturer's instruction		formity with the declared values, when installed ir al purpose or lightweight mortars.

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information: Dry weight per brick: 1.9 kg

Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6035613

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6009614 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: LEICESTERSHIRE RUSSET MIXTURE LEICESTERSHIRE RUSSET MIXTURE 06 Manufacturing Plant: DESFORD Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II. HD. 215 x 102.5 x 65mm. clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 30 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 20 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 30 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 20 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 5/10 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 5/10 Direct airborne sound insulation: value): Direct airborne sound insulation: 1310 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1310 kg/m<sup>3</sup> (D1) Configuration: Vertically Perforated 18-25% Voids Configuration: Vertically Perforated 18-25% Voids Equivalent thermal conductivity: 0.52 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.52 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

Other Information: Dry weight per brick: 1.9 kg

Bricks per pack: 500

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

See Also Declaration of Performance DOP/HANUK/BR/6009614

Signed on behalf of the manufacturer:

Relatation

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			DC The unders H: Meash	OP/HANUK/BR/ signed, represen lanson Building F ham Works, Athe Measham, DE1	ting the following: Products rstone Road, 2 7EL
				Confirms the	at:
OLD ENGLISH BU	FF MULTI				
06			OLI	D ENGLISH BU	FF MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manu	ufacturing Plant:	DESFORD
Dimensional tolerances:				06	
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	20 %			- 3	
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerar	nce category:	Т2
Active soluble salt content:	S2			nge category:	R1 30 N/mm² [⊥ bed face]
Reaction to fire:	Class A1		Water absorption:		20 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Reaction to fire: Bond strength (Fixed value from EN 998		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1 value):	1745 table	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	Gross density:	1310 ka/m³ (D1)
Configuration:	Vertically Perforated 18-25% Voids			Configuration:	Vertically Perforated 18-25% Voids 0.52 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]		Dimensional stability / Moisture Moveme	ent:	NPD
Dimensional stability:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substat appropriate form. See Annex ZA3 of BS		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified accordance with the manufacturer's instruction		nformity with the declared values, when installed in al purpose or lightweight mortars.

Other Information: Dry weight per brick: 1.9 kg

Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6017015

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of DOP/HANUK The undersigned, repr Hanson Build Measham Works,	/BR/6004718 esenting the following: ing Products
		Measham Works, Measham,	
BS EN 771-1:	2011	Confirm	is that:
OLD ENGLISH F	RUSSET		
06		OLD ENGLIS	SHRUSSET
Category II, HD, 215 x 102.5 x 65	mm. clav masonry units	Manufacturing P	ant: DESFORD
	,,,	0	6
Dimensional tolerances:		Conforms to the Harmonised Euror	ean Standard: BS EN 771-1-2011
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %	Regul	auon. Eo no 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance catego	r <b>y:</b> T2
Active soluble salt content:	S2	Range catego	ry: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	30 N/mm² [⊥ bed face] 20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densi	<b>ty:</b> 1310 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-23% Voids	Configuration	n: Vertically Perforated 18-23% Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.52 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will o appropriate form. See Annex ZA3 of BS EN 771-1:2	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and g	o conformity with the declared values, when installed in energy purpose or lightweight mortars.

Other Information: Dry weight per brick: 1.9 kg

Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6004718

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/ The undersign Hans Measham	/HANUK/BR/	ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
STIRLING BUFF	MULTI			
06		STIF	RLING BUFF	MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufac	cturing Plant:	DESFORD
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	15 %		regulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance	e category:	Т2
Active soluble salt content:	S2		e category:	R1 50 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		15 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2)		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174 value):	15 table	5/10
Gross density:	1380 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ss density:	1380 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids		nfiguration:	Vertically Perforated 18-25% Voids 0.52 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement	t:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified ab accordance with the manufacturer's instruction		nformity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6006514

as la lathleria

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6035620 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirm	s that:
VILLAGE GOLDEN	ТНАТСН		
06		VILLAGE GOLD	DEN THATCH
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	ant: DESFORD
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	20 %	Regula	tion: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance categor Range categor	y: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	30 N/mm² [⊥ bed face] 20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 1310 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configuratio	n: Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.52 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge	

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

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

See Also Declaration of Performance DOP/HANUK/BR/6035620

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of DOP/HANUK The undersigned, repu Hanson Build Measham Works, Measham,	/BR/6035217 esenting the following: ling Products Atherstone Road,
BS EN 771-1:	2011	Confirr	ns that:
VILLAGE HARVES	ST MULTI		
06		VILLAGE HA	RVEST MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing F	lant: DESFORD
		C	6
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:	R1		
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance catego	ry: T2
Active soluble salt content:	S2	Range catego	ry: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	30 N/mm² [⊥ bed face] 20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire:	Class A1
value): Direct airborne sound insulation:	0/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup> 5/10
	3	value): Direct airborne sound insulation:	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Gross dens	
Configuration:	Vertically Perforated 18-25% Voids	Configurati Equivalent thermal conductivity:	on: Vertically Perforated 18-25% Voids 0.52 W/m.K [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will o appropriate form. See Annex ZA3 of BS EN 771-1::	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is i accordance with the manufacturer's instructions and g	n conformity with the declared values, when installed in eneral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6035217

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6016117 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	nat:
WALTHAM MULTI B	JFF RUSTIC		
06		WALTHAM MULTI B	UFF RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant	DESFORD
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %	Regulation	1. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1 30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Compressive strength: Water absorption:	20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1310 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Equivalent thermal conductivity:	Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.52 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6016117

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6002011 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirm	ns that:
WELFORD BUF	FMULTI		
06		WELFORD	BUFF MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing F	lant: DESFORD
Dimensional tolerances:		C	6
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance catego	ry: T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross dens	i <b>ty:</b> 1310 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configurati Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.52 W/M.K [A <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1:	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is a accordance with the manufacturer's instructions and g	n conformity with the declared values, when installed ir eneral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6002011

al la la therea Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6009515 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirm	s that:
YORKSHIRE MUL	_TI BUFF		
06		YORKSHIRE	IULTI BUFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pl	ant: DESFORD
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %	Regula	1011. EU 110 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categor	<b>y</b> : T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 1310 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configuratio Configuratio	
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge	

Other Information: Dry weight per brick: 1.9 kg

Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6009515

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6010917 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
MALLORY BUFF	MULTI		
07		MALLORY BUF	FMULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant	DESFORD
Dimensional tolerances:		07	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %	Regulation	1. EU NO 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 R1 30 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1240 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1240 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configuration:	Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.52 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6010917

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Pe DoP/HANUK/BR/60 The undersigned, representir Hanson Building Pr Measham Works, Athers Measham, DE12 Confirms that	016919 ng the following: oducts stone Road, 7EL
GOLDEN MUL	TIRUF		
06		GOLDEN MULTI	RUF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: D	ESFORD
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European S	Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65m	m, clay masonry units
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: A	nnex ZA of BS EN 771-1:2011, System 4 EU No 305/2011
Water absorption:	20 %		20110/303/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1 30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	20 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	1310 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configuration:	Vertically Perforated 18-25% Voids 0.52 W/m.K [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be appropriate form. See Annex ZA3 of BS EN 771-1:2011.	given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in confo accordance with the manufacturer's instructions and general	

Other Information: Dry weight per brick: 1.9 kg

Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6016919

Signed on behalf of the

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		The und	Confirms th	ting the following: Products Irstone Road, 2 7EL
SANDSTONE M	XTURE		SANDSTONE MI	VTUDE
15			SANDSTONE MI	ATORE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	M	lanufacturing Plant:	DESFORD
Dimensional tolerances:		15		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	20 %		Regulation	: EU No 305/2011
Durability against freeze-thaw:	F1	Dimensional tolerances:	erance category:	To
Active soluble salt content:	S2	1	Range category:	T2 R1
Reaction to fire:	Class A1	 Compressive strength: Water absorption:		30 N/mm <sup>2</sup> [⊥ bed face] 20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F1 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:		Class A1
value):	5/10	Bond strength (Fixed value from EN S		0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (El value):	IN 1745 TADIE	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1310 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids		Configuration:	Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Move	ement:	0.52 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous subs appropriate form. See Annex ZA3 of I		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identif accordance with the manufacturer's inst		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6015912

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6010115 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6010115 ting the following: Products rrstone Road,
BS EN 771-1:	2011		Confirms the	at:
ARDEN SPECIAL	RESERVE			
06		ARDEN	N SPECIAL I	RESERVE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufac	turing Plant:	DESFORD
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	14 %		Regulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance	category:	Τ2
Active soluble salt content:	S2		category:	R1 40 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 value):	5 table	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	s density:	1410 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids		figuration:	Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	:	0.58 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified abo accordance with the manufacturer's instruction		nformity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6010115

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/BR/6022811 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road,	
		-	Measham Works, Ath Measham, DE	
BS EN 771-1:	2011		Confirms th	at:
ARLESTON	RED			
06			ARLESTON	RED
Category II, HD, 215 x 102.5 x 65	mm clay masonry units		Manufacturing Plant	DESFORD
			06	
Dimensional tolerances:				
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	14 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2		Dimensional tolerances:	T0
Active soluble salt content:	S2		Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	40 N/mm <sup>2</sup> [⊥ bed face] 14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw:	F2
Water vapour diffusion coefficient (EN 1745 table			Active soluble salt content: Reaction to fire:	S2 Class A1
value):	50/100		Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	4440 he/m <sup>3</sup> (D4)
Configuration:	Vertically Perforated 18-25% Voids		Gross density: Configuration:	1410 kg/m <sup>3</sup> (D1) Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,drv</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.58 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		J	The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	ral purpose or lightweight mortars.

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information: Dry weight per brick: 2. kg

nformation: Dry weight per brick: 2. kg Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6022811

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6022910 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: ARLESTON RED MULTI ARLESTON RED MULTI 06 Manufacturing Plant: DESFORD Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II. HD. 215 x 102.5 x 65mm. clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 40 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 14 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 40 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 14 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: Gross density: 1410 kg/m<sup>3</sup> (D1) Gross density: 1410 kg/m<sup>3</sup> (D1) Vertically Perforated 18-25% Voids Configuration: Configuration: Vertically Perforated 18-25% Voids Equivalent thermal conductivity: 0.58 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.58 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

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

Other Information: Dry weight per brick: 2. kg Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6022910

Signed on behalf of the manufacturer:

Relatation

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6023016 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6023016 ting the following: Products rstone Road,
BS EN 771-1:			Confirms the	
BARWELL F	RED			
13			BARWELL R	ED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Mar	nufacturing Plant:	DESFORD
Dimensional tolerances:			13	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	14 %			
Durability against freeze-thaw:	F2	Dimensional tolerances:		<b>T</b> 0
Active soluble salt content:	S2		ance category: ange category:	T2 R1 40 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1410 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids		Configuration:	Vertically Perforated 18-25% Voids 0.58 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movem	nent:	0.58 W/m.K [A <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified accordance with the manufacturer's instru		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6023016

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		D The under H	OOP/HANUK/BR/	ting the following: Products rstone Road,
BS EN 771-1:			Confirms that	at:
BOWDEN R	ED			
06			BOWDEN R	ED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Man	nufacturing Plant:	DESFORD
Dimensional tolerances:			06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	14 %		regulation	0
Durability against freeze-thaw:	F2	Dimensional tolerances:	anoo ootogonu	F2
Active soluble salt content:	S2		ance category: ange category:	T2 R1 40 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1410 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids		Configuration:	Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movem	nent:	0.58 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified accordance with the manufacturer's instru		formity with the declared values, when installed i al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6054119

le la Cathelica Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6003117 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6003117 ting the following: Products rstone Road, 2 7EL
		Ĺ	Confirms th	at:
CADEBY RED	MULII			
06		CAD	EBY RED	MULII
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufactu	uring Plant:	DESFORD
Dimensional tolerances:			06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	14 %		rtogulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance c	category:	Т2
Active soluble salt content:	S2		category:	R1 40 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		14 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 t value):	table	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	s density:	1410 ka/m³ (D1)
Configuration:	Vertically Perforated 18-25% Voids		guration:	Vertically Perforated 18-25% Voids 0.58 W/m.K [ $\lambda_{10,dy}$ ]
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions		formity with the declared values, when installed ir al purpose or lightweight mortars.

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information:

Dry weight per brick: 2. kg Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6003117

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathlering

Full name: Carl Cuthbert



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6008617 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
CHESHIRE RED	MULTI		
06		CHESHIRE RED	MULTI
		Manufacturing Plant:	DESFORD
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	, i i i i i i i i i i i i i i i i i i i	
Dimensional tolerances:		06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	40 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	14 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
		Tolerance category: Range category:	T2 R1
Active soluble salt content:	S2	Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 18-25% Voids	Gross density: 1410 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 18-25% Voids	
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.58 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only b appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in conformity with the declared values, when installed accordance with the manufacturer's instructions and general purpose or lightweight mortars.	

See Also Declaration of Performance DOP/HANUK/BR/6008617

Signed on behalf of the manufacturer:

as la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of DOP/HANUK/E The undersigned, repres Hanson Buildir Measham Works, A Measham, D	R/6016216 eenting the following: g Products therstone Road, E12 7EL
		Confirms	that:
CROXDEN MULTI R	ED RUSTIC		
06		CROXDEN MULT	RED RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	nt: DESFORD
Dimensional tolerances:		06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	14 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	т. Т2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	r: 1410 kg/m³ (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configuration: Vertically Perforated 18-25% Voids	
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.58 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in accordance with the manufacturer's instructions and gen	

See Also Declaration of Performance DOP/HANUK/BR/6016216

al la la therea Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 KIRBY RED MULTI		Declaration of DOP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, At Measham, D Confirms	R/6010214 enting the following: g Products herstone Road, E12 7EL
15		KIRBY RED	MULTI
		Manufacturing Pla	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		
Dimensional tolerances:		15	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	40 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	14 %	Regulati	on: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	
Active soluble salt content:	S2	Range category	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	40 N/mm² [⊥ bed face] 14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	: 1410 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configuration	: Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.58 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6010214

le la la there Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6008815 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
OLD ENGLISH BRIN		Commis	unal.
		OLD ENGLISH BR	
06			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	nt: DESFORD
Dimensional tolerances:		06	
Tolerance category:	To	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:	R1		
Compressive strength:	40 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	14 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	: T2
Active soluble salt content:	S2	Range category	: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	40 N/mm² [⊥ bed face] 14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	: 1410 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configuration	: Vertically Perforated 18-25% Voids
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.58 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6008815

al la la therea Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of P DOP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Athe Measham, DE1	<b>/6008419</b> hting the following: Products erstone Road,
BS EN 771-1:	2011		Confirms th	at:
WORCESTERSHIRE	RED MULTI			
06			WORCESTERSHIRE	RED MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant:	DESFORD
Dimensional tolerances:			06	
Dimensional tolerances: Tolerance category:	Т2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	40 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	14 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2		Dimensional tolerances:	
Active soluble salt content:	S2		Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	40 N/mm² [⊥ bed face] 14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw:	F2
Water vapour diffusion coefficient (EN 1745 table			Active soluble salt content: Reaction to fire:	S2 Class A1
value):	50/100		Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	$1410  kg/m^3$ (D1)
Configuration:	Vertically Perforated 18-25% Voids		Gross density: 1410 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 18-25% Voids	
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.58 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		]	The performance of the product identified above is in co accordance with the manufacturer's instructions and gener	al purpose or lightweight mortars.

Other Information: Dry weight per brick: 2. kg Bricks per pack: 500

See Also Declaration of Performance DOP/HANUK/BR/6008419

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/HAN The undersigned, r Hanson B Measham Wor	Df Performance UK/BR/6153911 epresenting the following: uilding Products (s, Atherstone Road, m, DE12 7EL
BS EN 771-1:	2011	Con	firms that:
ABBEY BLE	ND		
06		ABB	EY BLEND
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing F	lant: HOWLEY PARK
Dimensional tolerances:			06
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance cate Range cate	gory: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm² [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 tab value):	e 50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 24-29% Voids	Gross de Configur	ation: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances wi appropriate form. See Annex ZA3 of BS EN 771	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above a accordance with the manufacturer's instructions an	s in conformity with the declared values, when installed in d general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6153911

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		DOP/HANU The undersigned, re Hanson Bu Measham Work Measham	bf Performance JK/BR/6154710 presenting the following: uilding Products s, Atherstone Road, n, DE12 7EL
		Conf	irms that:
AIREDALE MULTI D	RAGFACED		
07			JLTI DRAGFACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pl	ant: HOWLEY PARK
Dimensional tolerances:			07
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cate	gory: T2
Active soluble salt content:	S2	Range cate Compressive strength:	
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	<b>5</b> 0/100
Gross density:	1650 kg/m³ (D1)	Direct airborne sound insulation: Gross dei	nsity: 1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances wil appropriate form. See Annex ZA3 of BS EN 771-	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	s in conformity with the declared values, when installed in I general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6154710

le la la there Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of DOP/HANUK The undersigned, repr Hanson Build Measham Works, Measham, Confirm	BR/6166515 esenting the following: ing Products Atherstone Road, DE12 7EL
ABBEY BUFF		Comm	s that.
	MOLTI	ABBEY BU	EE MIII TI
07			-
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plan	II HOWLEY PARK
Dimensional tolerances:		0	7
	To	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:			
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance catego	r <b>y:</b> T2
Active soluble salt content:	S2	Range catego	r <b>y:</b> R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:	S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densi	<b>ty:</b> 1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configuratio	n: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will o appropriate form. See Annex ZA3 of BS EN 771-1:2	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and g	conformity with the declared values, when installed ir eneral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6166515

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Measham Wo	NUK/BR/ represen Building F	6166119 ting the following: Products rstone Road,
BS EN 771-1:	2011	Co	onfirms the	at:
ABBEY RED I	NULTI			
07		ABBE	Y RED N	IULTI
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturing	Plant: <b>HC</b>	DWLEY PARK
Dimensional tolerances:			07	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		egulation	. 20110 300/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance ca	teaory:	Т2
Active soluble salt content:	S2	Range ca Compressive strength:		R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 ta value):	DIÊ	50/100
Gross density:	1650 kg/m³ (D1)	Direct airborne sound insulation: Gross d	lensity <sup>.</sup>	1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configu Equivalent thermal conductivity:		Vertically Perforated 24-29% Voids 0.69 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 77		
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions a		nformity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6166119

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of DOP/HANUK/ The undersigned, represent Hanson Buildi Measham Works, / Measham, I Confirm	BR/6167710 senting the following: ng Products ttherstone Road, DE12 7EL
ABBEY RED MI	XTURE		MIXTURE
13			-
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant	HOWLEY PARK
Dimensional tolerances:		13	
Tolerance category:	T2	Conforms to the Harmonised Europ	ean Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categor	<b>y</b> : T2
Active soluble salt content:	S2	Range categor	y: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm² [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Equivalent thermal conductivity:	n: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.69 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will or appropriate form. See Annex ZA3 of BS EN 771-1:2	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge	conformity with the declared values, when installed ir neral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6167710

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Atho Measham, DE <sup>2</sup> Confirms th	<b>/6154819</b> nting the following: Products erstone Road, 2 7EL
BRANSDALE	MULTI		
07		BRANSDALE	MULTI
		Manufacturing Plant: H	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		
Dimensional tolerances:		07	
Tolerance category:	T2	Conforms to the Harmonised Europear	Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7%	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:	S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configuration:	Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6154819

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of DOP/HANUK/ The undersigned, repre Hanson Buildi Measham Works, A Measham, I Confirm	<b>3R/6166713</b> senting the following: ng Products therstone Road, DE12 7EL
BRECKLAND MULT	IRESERVE		
10		BRECKLAND MU	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant	HOWLEY PARK
Dimensional tolerances:		10	
Tolerance category:	T2	Conforms to the Harmonised Europ	ean Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	70
Active soluble salt content:	S2	Tolerance categor Range categor	y: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	30/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configuratio	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge	

See Also Declaration of Performance DOP/HANUK/BR/6166713

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		DOP/HAN The undersigned, r Hanson B Measham Wor Measha	DF Performance UK/BR/6153317 presenting the following: wilding Products s, Atherstone Road, m, DE12 7EL irms that:
BURTONWOO	D RED	BURTO	
07			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing F	ant: HOWLEY PARK
Dimensional tolerances:			07
Tolerance category:	T2	Conforms to the Harmonised Ex	ropean Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Re	gulation: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cate	gory: T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 tab value):	e 50/100
Gross density:	1650 kg/m³ (D1)	Direct airborne sound insulation: Gross de	<b>nsity:</b> 1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configur Equivalent thermal conductivity:	tion: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances wi appropriate form. See Annex ZA3 of BS EN 771	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions an	s in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6153317

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P Dop/HANUK/BR The undersigned, represen Hanson Building Measham Works, Ath Measham, DE Confirms th	/ <b>6154017</b> nting the following: Products erstone Road, 12 7EL
CHATSWORTH	MULTI		
07		CHATSWORTH	IMULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: H	OWLEY PARK
Dimensional tolerances:		07	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:		Dimensional tolerances:	
	F2	Tolerance category: Range category:	T2 R1
Active soluble salt content:	S2	Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configuration:	Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6154017

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		DOP/HAI The undersigned, Hanson I Measham Wo Meash	A Def Performance ANUK/BR/6154116 , representing the following: Puilding Products Yorks, Atherstone Road, sham, DE12 7EL onfirms that:	
CHIDWELL M	ULTI		DWELL MULTI	
07			-	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing	g Plant: HOWLEY PARK	
Dimensional tolerances:			07	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		n 4
Water absorption:	7 %	ĸ	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cat	ategory: T2	
Active soluble salt content:	S2	Range car Compressive strength:		
Reaction to fire:	Class A1	Water absorption:	7 % F2	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 tal value):	able 50/100	
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	density: 1650 ka/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 24-29% Voids		uration: Vertically Perforated 24-29% Voids 0.69 W/m.K [λ <sub>10.drv</sub> ]	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.69 W/M.K [A <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in t 71-1:2011.	he
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions a	e is in conformity with the declared values, when and general purpose or lightweight mortars.	installed i

See Also Declaration of Performance DOP/HANUK/BR/6154116

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of DoP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, At Measham, D	R/6159654 enting the following: g Products herstone Road,
BS EN 771-1:	2011	Confirms	that:
CITY MULTI SMOO	DTH 73mm		
06		CITY MULTI SMO	DOTH 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant:	HOWLEY PARK
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7%	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category Range category	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm² [⊥ bed face] 7 %
	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F2
Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:	S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	: 1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configuration	: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6159654

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of DOP/HANUK/ The undersigned, represent Hanson Buildi Measham Works, / Measham, I Confirm	BR/6167413 senting the following: ng Products therstone Road, DE12 7EL
CROWHURST MULT	TRESERVE		
		CROWHURST M	JLTI RESERVE
10			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant	
Dimensional tolerances:		10	
Tolerance category:	To	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:	R1		
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categor	<b>y:</b> T2
Active soluble salt content:	S2	Range categor	y: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>v:</b> 1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configuratio	n: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:2	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and get	conformity with the declared values, when installed ir neral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6167413

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6167116 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: FARMHOUSE BROWN SANDFACED RESERVE FARMHOUSE BROWN SANDFACED RESERVE 10 Manufacturing Plant: HOWLEY PARK Category II, HD, 215 x 102.5 x 65mm, clay masonry units 10 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 75 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 7% Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 75 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 7% Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1650 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1650 kg/m<sup>3</sup> (D1) Vertically Perforated 24-29% Voids Configuration: Configuration: Vertically Perforated 24-29% Voids Equivalent thermal conductivity: 0.69 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.69 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in appropriate form. See Annex ZA3 of BS EN 771-1:2011. accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Other Information: Dry weight per brick: 2.4 kg Bricks per pack: 452

See Also Declaration of Performance DOP/HANUK/BR/6167116

Signed on behalf of the manufacturer:

Relatation

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1 Confirms th	6166911 ting the following: Products rstone Road, 2 7EL
GOLDEN BROWN SANDF	ACED RESERVE			
10			GOLDEN BROWN SANDF	ACED RESERVE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant: HC	OWLEY PARK
	-		10	
Dimensional tolerances:	To		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:			Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:	R1			
Compressive strength:	75 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		Dimensional television	
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2		Range category: Compressive strength:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1		Water absorption:	7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	
Configuration:	Vertically Perforated 24-29% Voids		Gross density: Configuration:	1650 kg/m <sup>3</sup> (D1) Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is in cor accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6166911

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		The undersigned, rep Hanson Buil Measham Works, Measham,	/BR/6153515 esenting the following: ling Products
HEATHER M	0E11	НЕАТНЕ	R MULTI
07			-
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plan	tt: HOWLEY PARK
Dimensional tolerances:		C	7
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance catego	ry: T2
Active soluble salt content:	S2	Range catego Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	30/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross dens	i <b>ty:</b> 1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configurati	on: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1:	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is a accordance with the manufacturer's instructions and g	n conformity with the declared values, when installed in eneral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6153515

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/HANU The undersigned, rep Hanson Bui Measham Works	F Performance K/BR/6154918 resenting the following: ding Products , Atherstone Road, , DE12 7EL
BS EN 771-1:	2011	Confir	ms that:
LANGDALE N	IULTI		
07		LANGDA	LE MULTI
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturing Pla	nt: HOWLEY PARK
Dimensional tolerances:			07
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regu	lation: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categ	огу: Т2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross dens	sity: 1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Equivalent thermal conductivity:	ion: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1:	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	n conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6154918

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		DOP/HANU The undersigned, re Hanson Bu Measham Work Meashar	f Performance K/BR/6161329 presenting the following: Iding Products s, Atherstone Road, n, DE12 7EL rms that:
OLD MILL SU	NSEI		L SUNSET
07			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pl	ant: HOWLEY PARK
Dimensional tolerances:			07
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Reg	ulation: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cate	Jory: T2
Active soluble salt content:	S2	Range cate	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross der	<b>sity:</b> 1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Equivalent thermal conductivity:	tion: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,drv</sub> ]	Dimensional stability / Moisture Movement:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed ir general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6161329

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Measham Works,	/BR/6155014 esenting the following: ling Products
BS EN 771-1:	2011	Confirm	ns that:
QUEENS BL	END		
07		QUEENS	BLEND
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plar	It: HOWLEY PARK
Dimensional tolerances:		07	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance catego	ry: T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross dens	ity: 1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configurati Equivalent thermal conductivity:	on: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.69 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will o appropriate form. See Annex ZA3 of BS EN 771-1::	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is i accordance with the manufacturer's instructions and g	n conformity with the declared values, when installed ir eneral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6155014

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of P DoP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Athe Measham, DE	<b>/6156929</b> nting the following: Products erstone Road,	
BS EN 771-1:	2011	Confirms th		
ROCHESTER BLEN	DRESERVE			
15		ROCHESTER BLEN	DRESERVE	
15		Manufacturing Plant: H		
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		OWLET PARK	
Dimensional tolerances:		15		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	Regulation: EU No 305/2011		
•		Dimensional tolerances:		
Durability against freeze-thaw:	F2	Tolerance category:	T2	
Active soluble salt content:	S2	Range category: Compressive strength:	R1 75 N/mm <sup>2</sup> [⊥ bed face]	
Reaction to fire:	Class A1	Water absorption:	7 % F2	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1	
value):	30/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		value):	50/100	
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1650 ko/m³ (D1)	
Configuration:	Vertically Perforated 24-29% Voids	Configuration:	Vertically Perforated 24-29% Voids	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.K [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene		

See Also Declaration of Performance DOP/HANUK/BR/6156929

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of I DOP/HANUK/BI The undersigned, represe Hanson Building Measham Works, Att Measham. DE	R/6154314 enting the following: ) Products herstone Road,	
BS EN 771-1:	2011	Confirms	hat <sup>.</sup>	
SOUTH DOWN	MULTI		not.	
07		SOUTH DOW	N MULTI	
		Manufacturing Plant: I		
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units			
Dimensional tolerances:		07		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	Regulation: EU No 305/2011		
		Dimensional tolerances:		
Durability against freeze-thaw:	F2	Tolerance category:		
Active soluble salt content:	S2	Range category: Compressive strength:	R1 75 N/mm <sup>2</sup> [⊥ bed face]	
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2	
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
value): Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table	50/100	
	4050 km/m <sup>3</sup> (D4)	value): Direct airborne sound insulation:	00,100	
Gross density:	1650 kg/m <sup>3</sup> (D1)	Gross density:		
Configuration:	Vertically Perforated 24-29% Voids	Configuration: Equivalent thermal conductivity:	Vertically Perforated 24-29% Voids 0.69 W/m.K [λ <sub>10,drv</sub> ]	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in c accordance with the manufacturer's instructions and gen		

See Also Declaration of Performance DOP/HANUK/BR/6154314

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6166812 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6166812 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms that	at:
WOODSTOCK BLEN	DRESERVE			
10		WOODS	TOCK BLENI	DRESERVE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactu		DWLEY PARK
Dimensional tolerances:			10	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %			
Durability against freeze-thaw:	F2	Dimensional tolerances:	e category:	Т2
Active soluble salt content:	S2		e category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2)		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174 value):	+o table	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	oss density:	1650 ka/m³ (D1)
Configuration:	Vertically Perforated 24-29% Voids		nfiguration:	Vertically Perforated 24-29% Voids 0.69 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement	t:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified at accordance with the manufacturer's instructio		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6166812

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6076821 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6076821 hting the following: Products erstone Road, 2 7EL
BECKINGHAM RE	ED MULTI			
07			BECKINGHAM RE	ED MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Man	ufacturing Plant: HC	DWLEY PARK
Dimensional tolerances:			07	
Tolerance category:	Τ2	Conforms to the Har	rmonised European	Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7%	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances:		<b>T</b> 0
Active soluble salt content:	S2		erance category: Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		75 N/mm² [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):	N 1745 table	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1650 kg/m³ (D1)
Configuration:	Vertically Perforated 24-29% Voids		Configuration:	Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Move	ement:	0.69 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous sub appropriate form. See Annex ZA3 of		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identif accordance with the manufacturer's inst		nformity with the declared values, when installed al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6076821

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6005524 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Confirms th	at:	
HOWLEY PARK CLASS	B ENG 65mm			
07		HOWLEY PARK CLASS	B ENG 65mm	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: HC	DWLEY PARK	
Dimensional tolerances:		07		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7%	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances:		
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	Class A1	
value):	50/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		value):	50/100	
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1650 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 24-29% Voids	Configuration:	Vertically Perforated 24-29% Voids	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.K [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener		

See Also Declaration of Performance DOP/HANUK/BR/6005524

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6164214 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		<b>/6164214</b> nting the following: Products erstone Road, 12 7EL
RED DRAGFA	ACED			1055
07		RED	DRAGF	ACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing	Plant: H	OWLEY PARK
Dimensional tolerances:			07	
Tolerance category:	Τ2	Conforms to the Harmonised	Europear	n Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	F	Regulation	n: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance ca	tegory:	Τ2
Active soluble salt content:	S2	Range ca		R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Compressive strength: Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 ta value):	ible	50/100
Gross density:	1650 kg/m³ (D1)	Direct airborne sound insulation:	density:	1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Config	uration:	Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:		0.69 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances of appropriate form. See Annex ZA3 of BS EN 77		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions a		nformity with the declared values, when installed in ral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6164214

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6044912 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
MANDARIN MIXTUR	ERESERVE		
10		MANDARIN MIXT	URE RESERVE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plan	HOWLEY PARK
Dimensional tolerances:		10	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regula	tion: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance catego	<b>y</b> : T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m³ (D1)	Direct airborne sound insulation: Gross densi	<b>y:</b> 1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configuration Configuration Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:2	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and go	conformity with the declared values, when installed ir eneral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6044912

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6167215 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: FARMHOUSE BROWN SANDFACED RESERVE 73mm FARMHOUSE BROWN SANDFACED RESERVE 73mm 10 Manufacturing Plant: HOWLEY PARK Category II, HD, 215 x 102.5 x 73mm, clay masonry units 10 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II. HD. 215 x 102.5 x 73mm. clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 75 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 7% Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 75 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 7% Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1650 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1650 kg/m<sup>3</sup> (D1) Vertically Perforated 24-29% Voids Configuration: Configuration: Vertically Perforated 24-29% Voids Equivalent thermal conductivity: 0.69 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.69 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in appropriate form. See Annex ZA3 of BS EN 771-1:2011.

Other Information: Dry weight per brick: 2.7 kg Bricks per pack: 416

See Also Declaration of Performance DOP/HANUK/BR/6167215

Signed on behalf of the manufacturer:

Relatathere

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6167017 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms	that:
GOLDEN BROWN SANDFAC	ED RESERVE 73mm		
10		GOLDEN BROWN SANDFA	ACED RESERVE 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant:	HOWLEY PARK
Dimensional tolerances:		10	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %	Regulat	01. E0 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	: T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	: 1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configuration Equivalent thermal conductivity:	: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6167017

Signed on behalf of the data manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6167314 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms	that:
ROCHESTER BLEND R	ESERVE 73mm		
10		ROCHESTER BLEND	RESERVE 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant:	HOWLEY PARK
Dimensional tolerances:		10	
Tolerance category:	Τ2	Conforms to the Harmonised Europe	an Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
	7 %	Regulation: EU No 305/2011	
Water absorption:		Dimensional tolerances:	
Durability against freeze-thaw:	F2	Tolerance category Range category	
Active soluble salt content:	S2	Compressive strength:	75 N/mm <sup>2</sup> [ $\perp$ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 24-29% Voids	Gross density Configuration	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6167314

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6153614 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6153614 ting the following: Products rstone Road, 2 7EL
	ED		Commo	
07			LINCOLN RI	ED
		Manufa	cturing Plant: HC	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Ū	
Dimensional tolerances:			07	
Tolerance category:	T2	Conforms to the Harmo	onised European	Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	11 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ince category:	Τ2
Active soluble salt content:	S2		nge category:	R1 50 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		11 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1 value):	1745 table	50/100
Gross density:	1600 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1600 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	C	Configuration:	Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Moveme	ent:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified accordance with the manufacturer's instruction		formity with the declared values, when installed al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6153614

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6153812 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		<b>/6153812</b> hting the following: Products erstone Road,
BS EN 771-1:	2011	С	Confirms th	at:
YORKSHIRE REI	DBLEND			
13		YORKS	SHIRE RED	DBLEND
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturin	•	OWLEY PARK
Dimensional tolerances:			13	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	60 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	8 %		rtogulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance c	ategory:	Τ2
Active soluble salt content:	S2		ategory:	R1 60 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		8%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	(-b)-	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 t value):	table	50/100
Gross density:	1600 kg/m³ (D1)	Direct airborne sound insulation:	density:	1600 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids		guration:	Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		0.69 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions		nformity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6153812

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6153416 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Confirms the	at:	
CAMBRIDGE BURW	ELL WHITE			
07		CAMBRIDGE BURW	ELL WHITE	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: HC	DWLEY PARK	
Dimensional tolerances:		07		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	50 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	9%	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances:	To	
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	50 N/mm <sup>2</sup> [⊥ bed face] 9 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	$4650  km/m^3$ (D4)	
Configuration:	Vertically Perforated 24-29% Voids	Gross density: Configuration:	1650 kg/m <sup>3</sup> (D1) Vertically Perforated 24-29% Voids	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.K [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in cor accordance with the manufacturer's instructions and gener		

See Also Declaration of Performance DOP/HANUK/BR/6153416

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6154215 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:		Con	irms that:
KINGSWOOD BUI	FF MULTI		
07		KINGSWO	DD BUFF MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing F	ant: HOWLEY PARK
Dimensional tolerances:			07
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	9 %		,
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cate	gory: T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	9%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 tab value):	e 50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	nsity: 1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Configur Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances wi appropriate form. See Annex ZA3 of BS EN 771-	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above i accordance with the manufacturer's instructions and	s in conformity with the declared values, when installed in d general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6154215

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6153713 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
NORFOLK BUFF	MULTI		
07		NORFOLK BUF	FMULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: <b>H</b>	OWLEY PARK
Dimensional tolerances:		07	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	9 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	5 % F2	Dimensional tolerances:	
Active soluble salt content:		Tolerance category: Range category:	T2 R1
	S2	Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	9 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 24-29% Voids	Gross density: 1650 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 24-29% Voids	
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.69 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6153713

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6040716 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
		Cor	firms that:
CUMBRIAN	RED		
06		COM	BRIAN RED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing	Plant: KINGS DYKE
Dimensional tolerances:			06
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	18 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cat	gory: T2
Active soluble salt content:	S2	Range cat Compressive strength:	
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	18 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 tab value):	e 5/10
Gross density:	1350 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	<b>nsity:</b> 1350 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 15-20% Voids	Configuration: Vertically Perforated 15-20% Voids	
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.52 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 771	I only be given when and where required in the 1:2011.
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions ar	s in conformity with the declared values, when installed in deneral purpose or lightweight mortars.

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

Other Information: Dry weight per brick: 2. kg Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6040716

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathlering

Full name: Carl Cuthbert



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6046817 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6046817 ting the following: Products rstone Road, 2 7EL
			Confirms the	at:
MALLARD BI	END			
06		N	MALLARD BL	END
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufact	turing Plant: <b>K</b>	INGS DYKE
Dimensional tolerances:			06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	18 %		regulation	
Durability against freeze-thaw:	F2	Dimensional tolerances:	e category:	Т2
Active soluble salt content:	S2		e category:	R1 30 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		18 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2)		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174 value):	45 table	5/10
Gross density:	1350 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	oss density:	1350 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 15-20% Voids	Configuration: Vertically Perforated 15-20% Voids		Vertically Perforated 15-20% Voids
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement	ıt:	0.52 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified at accordance with the manufacturer's instructio		formity with the declared values, when installed in al purpose or lightweight mortars.

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information: Dry weight per brick: 2. kg

Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6046817

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of P DOP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Athe Measham, DE1	/6047012 hting the following: Products erstone Road,
BS EN 771-1:	2011	Confirms th	at:
NIGHTINGALE	BLEND		
06		NIGHTINGALE	BLEND
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	KINGS DYKE
		06	
Dimensional tolerances: Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	18 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:		Dimensional tolerances:	
	F2	Tolerance category: Range category:	T2 R1
Active soluble salt content:	S2	Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	18 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
value):		Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm 5/10
Direct airborne sound insulation:		value):	0110
Gross density:	1350 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1350 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 15-20% Voids	Configuration: Vertically Perforated 15-20% Voids	
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.52 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gener	al purpose or lightweight mortars.

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

Other Information: Dry weight per brick: 2. kg Bricks per pack: 468

See Also Declaration of Performance DOP/HANUK/BR/6047012

Signed on behalf of the manufacturer:

as la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6040815 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: NORTHUMBRIAN DARK BLEND NORTHUMBRIAN DARK BLEND 06 Manufacturing Plant: KINGS DYKE Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 30 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 18 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 30 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Water absorption: 18 % Class A1 Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 5/10 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 5/10 Direct airborne sound insulation: value): Direct airborne sound insulation: 1350 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1350 kg/m<sup>3</sup> (D1) Configuration: Vertically Perforated 15-20% Voids Configuration: Vertically Perforated 15-20% Voids Equivalent thermal conductivity: 0.52 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.52 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

Other Information: Dry weight per brick: 2. kg Bricks per pack: 468

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

See Also Declaration of Performance DOP/HANUK/BR/6040815

Signed on behalf of the manufacturer:

Relatation

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6045810 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms	that:
TEAL MIXTU	JRE		
06		TEAL MIX	<b>FURE</b>
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant	KINGS DYKE
Dimensional tolerances:		06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	18 %		51. EU NO 505/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	18 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1350 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	1350 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 15-20% Voids	Configuration: Vertically Perforated 15-20% Voids	
Equivalent thermal conductivity:	0.52 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.52 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in a accordance with the manufacturer's instructions and gen	

See Also Declaration of Performance DOP/HANUK/BR/6045810

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6040617 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011		firms that:
ANGLIAN LIGHT	BLEND		
06		ANGLIAN	LIGHT BLEND
		Manufacturing	Plant: KINGS DYKE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manuacturing	
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	20 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance cate Range cate	
		Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	20 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 tab value):	
Gross density:	1320 kg/m³ (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 15-20% Voids	Gross density: 1320 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 15-20% Voids	
Equivalent thermal conductivity:	0.50 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.50 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances wi appropriate form. See Annex ZA3 of BS EN 771	I only be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201			s in conformity with the declared values, when installed

See Also Declaration of Performance DOP/HANUK/BR/6040617

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			Declaration of Performance DOP/HANUK/BR/6046718 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
CYGNET BLI			Confirms th	ai.
			CYGNET BLI	END
06				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant: H	(INGS DYKE
			06	
Dimensional tolerances: Tolerance category:	Т2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	20 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2		Dimensional tolerances:	To
Active soluble salt content:	S2		Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	30 N/mm² [⊥ bed face] 20 %
			Durability against freeze-thaw:	F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Active soluble salt content: Reaction to fire:	S2 Class A1
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1320 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	$1220 k \sigma/m^3$ (D1)
Configuration:	Vertically Perforated 15-20% Voids		Gross density: 1320 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 15-20% Voids	
Equivalent thermal conductivity:	0.50 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.50 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only a appropriate form. See Annex ZA3 of BS EN 771-1:2011.	be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in conformity with the declared values, when installed accordance with the manufacturer's instructions and general purpose or lightweight mortars.		

See Also Declaration of Performance DOP/HANUK/BR/6046718

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6041515 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		/6041515 nting the following: Products erstone Road,
BS EN 771-1:	2011	C	Confirms th	at:
KELLOWAY YELLO	DW BLEND			
06		KELLOW	AY YELLO	DW BLEND
		Manufacturi	ing Plant: I	KINGS DYKE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		06	
Dimensional tolerances:				
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		n Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		omm, clay masonry units
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	20 %		Regulation	n: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:		To
Active soluble salt content:	S2		category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		30 N/mm <sup>2</sup> [⊥ bed face] 20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:		F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:		S2 Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2):		0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 t value):	table	5/10
Gross density:	1320 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	donsity	$1320 \text{ kg/m}^3$ (D1)
Configuration:	Vertically Perforated 15-20% Voids	Gross density: 1320 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 15-20% Voids		Vertically Perforated 15-20% Voids
Equivalent thermal conductivity:	0.50 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:		0.50 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201			ve is in co	nformity with the declared values, when installed

See Also Declaration of Performance DOP/HANUK/BR/6041515

al la la therea Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



### **Declaration of Performance** DOP/HANUK/BR/6042949 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: HARROW RED MULTI HARROW RED MULTI 06 Manufacturing Plant: KIRTON Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 30 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 15 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 30 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 15 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1530 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1530 kg/m<sup>3</sup> (D1) Vertically Perforated 13-25% Voids Configuration: Configuration: Vertically Perforated 13-25% Voids Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information: Dry weight per brick: 2.05kg Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6042949

Signed on behalf of the manufacturer:

Relatation

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



### **Declaration of Performance** DOP/HANUK/BR/6035422 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: HENDON BLEND HENDON BLEND 06 Manufacturing Plant: KIRTON Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 30 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 15 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 30 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 15 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1530 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1530 kg/m<sup>3</sup> (D1) Vertically Perforated 13-25% Voids Configuration: Configuration: Vertically Perforated 13-25% Voids Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information: Dry weight per brick: 2.05kg

Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6035422

Signed on behalf of the manufacturer:

Relatation

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6512817 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6512817 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms that	at:
HERITAGE AUTU	MN RED			
07		HE	RITAGE AUTU	MN RED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Man	ufacturing Plant	:: KIRTON
Dimensional tolerances:		07		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	15 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	nce category:	Т2
Active soluble salt content:	S2		ige category:	R1 30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		15 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 17 value):	145 table	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ross density:	1530 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids		onfiguration:	Vertically Perforated 13-25% Voids 0.59 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Moveme	ent:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS E		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instruct		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6512817

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6042918 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: KIMBOLTON RED MULTI KIMBOLTON RED MULTI 06 Manufacturing Plant: KIRTON Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Conforms to the Harmonised European Standard: BS EN 771-1:2011 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011 Dimensional tolerances: Tolerance category: T2 Range category: R1 Compressive strength: 30 N/mm<sup>2</sup> [1 bed face] Water absorption: 15 % Durability against freeze-thaw: F2 Active soluble salt content: S2 Reaction to fire: Class A1 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Water vapour diffusion coefficient (EN 1745 table 50/100 value): Direct airborne sound insulation: 1530 kg/m<sup>3</sup> (D1) Gross density: Configuration: Vertically Perforated 13-25% Voids Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10.drv</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011. The performance of the product identified above is in conformity with the declared values, when installed in

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the

No la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:

Date: 02 June 2015

# Dimensional tolerances:

T2
R1
30 N/mm <sup>2</sup> [⊥ bed face]
15 %
F2
S2
Class A1
0.15 N/mm <sup>2</sup>
50/100
1530 kg/m <sup>3</sup> (D1)
Vertically Perforated 13-25% Voids
0.59 W/m.K [λ <sub>10,dry</sub> ] NPD See Note

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

Other Information: Dry weight per brick: 2.05kg Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6042918



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		DOP/HANU The undersigned, rep Hanson Bui Measham Works Measham	f Performance K/BR/6512824 resenting the following: ding Products , Atherstone Road, , DE12 7EL ms that:
KIRTON AUTUN	IN RED		
11		KIRTON A	UTUMN RED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing	Plant: <b>KIRTON</b>
Dimensional tolerances:			11
Tolerance category:	TO	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
5 <i>,</i>		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:	R1		
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	15 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categ	ory: T2
Active soluble salt content:	S2	Range categ	ory: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	30 N/mm² [⊥ bed face] 15 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	00/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross den	sity: 1530 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids	Configurat Equivalent thermal conductivity:	ion: Vertically Perforated 13-25% Voids 0.59 W/m.Κ [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6512824

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		C The under	ation of P DOP/HANUK/BR/ rsigned, represen Hanson Building F sham Works, Athe Measham, DE1:	ting the following: Products rstone Road,
BS EN 771-1:			Confirms the	
NEWSTEAD REI	D MULTI			
15			NEWSTEAD RED	MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ma	anufacturing Plant	: KIRTON
Dimensional tolerances:		15		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	15 %		- 3	
Durability against freeze-thaw:	F2	Dimensional tolerances:	ance category:	Т2
Active soluble salt content:	S2		ange category:	R1 30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		15 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1/45 table	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1530 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids		Configuration:	Vertically Perforated 13-25% Voids
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Moven	nent:	0.59 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identifier accordance with the manufacturer's instru		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6002219

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		D The under H	<b>Ition of P</b> DOP/HANUK/BR/ rsigned, represen Hanson Building F ham Works, Athe Measham, DE1:	ting the following: Products rstone Road,
BS EN 771-1:			Confirms the	at:
RUFFORD RED	MULTI			
07			RUFFORD RED	MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ма	anufacturing Plant	: KIRTON
Dimensional tolerances:		07		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	15 %			
Durability against freeze-thaw:	F2	Dimensional tolerances:	ance category:	Т2
Active soluble salt content:	S2		ange category:	R1 30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		15 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1530 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids		Configuration:	Vertically Perforated 13-25% Voids
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movem	nent:	0.59 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instru		formity with the declared values, when installed in a long state of a long sta

See Also Declaration of Performance DOP/HANUK/BR/6010610

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



### **Declaration of Performance** DOP/HANUK/BR/6002622 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: SHERWOOD BUFF MIXTURE SHERWOOD BUFF MIXTURE 06 Manufacturing Plant: KIRTON Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II. HD. 215 x 102.5 x 65mm. clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 30 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 15 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 30 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 15 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1530 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1530 kg/m<sup>3</sup> (D1) Vertically Perforated 13-25% Voids Configuration: Configuration: Vertically Perforated 13-25% Voids Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

Other Information: Dry weight per brick: 2.05kg Bricks per pack: 495

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

See Also Declaration of Performance DOP/HANUK/BR/6002622

Signed on behalf of the manufacturer:

Relatation

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



### **Declaration of Performance** DOP/HANUK/BR/6007023 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: SHERWOOD RED MIXTURE SHERWOOD RED MIXTURE 06 Manufacturing Plant: KIRTON Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 30 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 15 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 30 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 15 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1530 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1530 kg/m<sup>3</sup> (D1) Vertically Perforated 13-25% Voids Configuration: Configuration: Vertically Perforated 13-25% Voids Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

Other Information: Dry weight per brick: 2.05kg Bricks per pack: 495

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

See Also Declaration of Performance DOP/HANUK/BR/6007023

Signed on behalf of the manufacturer:

Relatation

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6003513 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6003513 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
SOUTHWELL	RED			
15			SOUTHWELL	RED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ма	anufacturing Plant	: KIRTON
Dimensional tolerances:		15		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conf		Annex ZA of BS EN 771-1:2011, System 4 : EU No 305/2011
Water absorption:	15 %		roguation	0 0 000, _ 0
Durability against freeze-thaw:	F2	Dimensional tolerances: Toler	ance category:	Т2
Active soluble salt content:	S2		ange category:	R1 30 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		15 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1530 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids		Configuration:	Vertically Perforated 13-25% Voids 0.59 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Moven	ment:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous subst appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identifie accordance with the manufacturer's instru		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6003513

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6036115 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: THORESBY RED MULTI THORESBY RED MULTI 08 Manufacturing Plant: KIRTON Category II, HD, 215 x 102.5 x 65mm, clay masonry units 08 Conforms to the Harmonised European Standard: BS EN 771-1:2011 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011 Dimensional tolerances: Tolerance category: T2 Range category: R1 Compressive strength: 30 N/mm<sup>2</sup> [1 bed face] Water absorption: 15 % Durability against freeze-thaw: F2 Active soluble salt content: S2 Reaction to fire: Class A1 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Water vapour diffusion coefficient (EN 1745 table 50/100 value): Direct airborne sound insulation: 1530 kg/m<sup>3</sup> (D1) Gross density: Configuration: Vertically Perforated 13-25% Voids Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10.drv</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011. The performance of the product identified above is in conformity with the declared values, when installed in

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Rela Cathleta Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

Date: 02 June 2015

# Dimensional tolerances:

Tol	erance category:	T2
	Range category:	R1
Compressive strength:		30 N/mm <sup>2</sup> [⊥ bed face]
Water absorption:		15 %
Durability against freeze-thaw:		F2
Active soluble salt content:		S2
Reaction to fire:		Class A1
Bond strength (Fixed value from E	N 998-2):	0.15 N/mm <sup>2</sup>
Water vapour diffusion coefficient value):	(EN 1745 table	50/100
Direct airborne sound insulation:		
	Gross density:	1530 kg/m <sup>3</sup> (D1)
	Configuration:	Vertically Perforated 13-25% Voids
Equivalent thermal conductivity: Dimensional stability: Dangerous Substances:		0.59 W/m.K [λ <sub>10,dry</sub> ] NPD See Note

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

Other Information: Dry weight per brick: 2.05kg Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6036115



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of DOP/HANUK/Bi The undersigned, represe Hanson Building Measham Works, Atl Measham, DE	R/6030816 enting the following: 9 Products herstone Road,
BS EN 771-1:	2011	Confirms	that:
VILLAGE RUSSET R	ED MIXTURE		
06		VILLAGE RUSSET I	RED MIXTURE
Category II, HD, 215 x 102.5 x 65	mm clay masonry units	Manufacturing Pla	Int: KIRTON
Galegory II, 112, 213 X 102.3 X 03		06	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised European Standard: <b>BS EN 771-1:2011</b>	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	15 %	Regulation	on: EU No 305/2011
Durability against freeze-thaw: Active soluble salt content:	F2 S2	Dimensional tolerances: Tolerance category: Range category:	
		Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	15 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content: Reaction to fire:	S2 Class A1
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	$1520 kg/m^3$ (D1)
Configuration:	Vertically Perforated 13-25% Voids	Configuration	Vertically Perforated 13-25% Voids
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.59 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in c	

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

Other Information: Dry weight per brick: 2.05kg Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6030816

Signed on behalf of the manufacturer:

as la lathere

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of F DOP/HANUK/BR The undersigned, represen Hanson Building Measham Works, Ath Measham, DE	/6035415 nting the following: Products erstone Road,
BS EN 771-1:	2011		Confirms th	at.
VILLAGE SUN	GLOW			
			VILLAGE SUN	GLOW
06			Monufacturing Disc	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plar	II: KIRTON
Dimensional tolerances:			06	
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	15 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2		Dimensional tolerances:	
			Tolerance category:	T2
Active soluble salt content:	S2		Range category: Compressive strength:	R1 30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1		Water absorption:	15 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table			Reaction to fire:	Class A1
value):	50/100		Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	
Configuration:	Vertically Perforated 13-25% Voids		Gross density: Configuration:	1530 kg/m <sup>3</sup> (D1) Vertically Perforated 13-25% Voids
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.59 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		]	The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	nformity with the declared values, when installed ral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6035415

Che la Cattale Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/HAN The undersigned, ro Hanson B Measham Wor	Df Performance JK/BR/6002127 presenting the following: uilding Products s, Atherstone Road, n, DE12 7EL
BS EN 771-1:			irms that:
BURGHLEY RED	RUSTIC		
15		BURGHLE	Y RED RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturi	g Plant: <b>KIRTON</b>
Dimensional tolerances:		15	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	17 %		Janaan 20110 000,2011
Durability against freeze-thaw:	F1	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance cate Range cate Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	17 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 tab value):	e 50/100
Gross density:	1570 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	<b>nsity:</b> 1570 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-21% Voids	Configur	tion: Vertically Perforated 11-21% Voids
Equivalent thermal conductivity:	0.60 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.60 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances wi appropriate form. See Annex ZA3 of BS EN 771-	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above i accordance with the manufacturer's instructions an	s in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6002127

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		The unde	ation of P DOP/HANUK/BR/ ersigned, represen Hanson Building F sham Works, Athe Measham, DE1 Confirms the	ting the following: Products Irstone Road, 2 7EL
NOTTINGHAM RE	DRUSTIC			
15		N	IOTTINGHAM REI	DRUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	М	lanufacturing Plant	t: KIRTON
Dimensional tolerances:			15	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	25 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	17 %		Regulation	. EU NU 303/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Toler	rance category:	Т2
Active soluble salt content:	S2		Range category:	R1 25 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		17 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1570 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1570 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-21% Voids		Configuration:	Vertically Perforated 11-21% Voids 0.60 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.60 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Mover	ment:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous subst appropriate form. See Annex ZA3 of B		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identifier accordance with the manufacturer's instru-		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6001922

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		DOP/HANU The undersigned, rep Hanson Bui Measham Works Measham	f Performance K/BR/6008112 presenting the following: Iding Products a, Atherstone Road, b, DE12 7EL ms that:
OLD ENGLISH ROS	SE RUSTIC		
15		OLD ENGLISI	I ROSE RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing	Plant: <b>KIRTON</b>
<b>P</b>		15	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:	R1		
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	17 %	,	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance categ	ory: T2
Active soluble salt content:	S2	Range categ	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	17 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value): Direct airborne sound insulation:		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup> 50/100
		value): Direct airborne sound insulation:	50/100
Gross density:	1570 kg/m³ (D1)	Gross den	
Configuration:	Vertically Perforated 11-21% Voids	Configurat Equivalent thermal conductivity:	ion: Vertically Perforated 11-21% Voids 0.60 W/m.K [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.60 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6008112

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		-	Declaration of Performance DOP/HANUK/BR/6003612 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1	2011		Confir	ns that:
BROWN RU	STIC			
06			BROWN	RUSTIC
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units		Manufacturing	Plant: KIRTON
Dimensional tolerances:			(	6
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	19 %		Ũ	
Durability against freeze-thaw:	F1		Dimensional tolerances: Tolerance catego	р <b>гу:</b> Т2
Active soluble salt content:	S2		Compressive strength:	
Reaction to fire:	Class A1		Water absorption: Durability against freeze-thaw:	19 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1520 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross dens	ity: 1520 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-16% Voids		Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.55 W/m.K [λ <sub>10,dry</sub> ]		Dimensional stability / Moisture Movement:	0.55 W/m.K [A <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1:	
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is a accordance with the manufacturer's instructions and g	n conformity with the declared values, when installed ir eneral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6003612

al la lathering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		<b>Declaration of</b> DOP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, At Measham, D	<b>R/6003018</b> enting the following: g Products herstone Road,
BS EN 771-1:	2011	Confirms	
OLD ENGLISH MIXTU	JRE RUSTIC		
06		OLD ENGLISH MIX	TURE RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	ant: <b>KIRTON</b>
		06	
Dimensional tolerances: Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	19 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category	
Active soluble salt content:	S2	Range category	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	19 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1520 kg/m³ (D1)	Direct airborne sound insulation: Gross density	: 1520 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-16% Voids	Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.55 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6003018

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6015721 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
CHARNWOOD N	ATURAL		
06		CHARNWOOD N	ATURAL
		Manufacturing Plan	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	, i i i i i i i i i i i i i i i i i i i	
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	17 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:		Dimensional tolerances:	
	F2	Tolerance category:	T2
Active soluble salt content:	S2	Range category: Compressive strength:	R1 30 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	17 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	$4500 \text{ km/m}^3$ (D4)
Configuration:	Vertically Perforated 13-25% Voids	Gross density: Configuration:	1530 kg/m <sup>3</sup> (D1) Vertically Perforated 13-25% Voids
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.59 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
ote: Information on Dangerous substances will only be given when and where required in the ppropriate form. See Annex ZA3 of BS EN 771-1:2011.		nformity with the declared values, when installed a purpose or lightweight mortars.	

See Also Declaration of Performance DOP/HANUK/BR/6015721

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road,		<b>Declaration</b> DOP/HA The undersigned, Hanson	NUK/BR/	6036313 Iting the following:
Measham, DE1	2 7EL	Measham Wo		erstone Road,
BS EN 771-1:	2011			
		Co	onfirms th	at:
CLUMBER F	RED			
08		CLU	JMBER F	RED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactu	iring Plan	t: KIRTON
Dimensional tolerances:			08	
Tolerance category:	Т2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	17 %	N	egulatio	. EU NU 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance ca	togory	Т2
Active soluble salt content:	S2	Compressive strength:		R1 30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		17 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 ta value):	ble	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross d	densitv:	1530 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids	Equivalent thermal conductivity:		Vertically Perforated 13-25% Voids 0.59 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 77		
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions a		nformity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6036313

Signed on behalf of the manufacturer:

as la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of P DoP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Ath Measham, DE	/6036412 hting the following: Products erstone Road,
BS EN 771-1:	2011		Confirms th	at:
CLUMBER RED N	IIXTURE			
08			CLUMBER RED I	MIXTURE
Category II, HD, 215 x 102.5 x 65	mm clay masonry units		Manufacturing Plan	t: KIRTON
Galegory 1, 112, 213 x 102.3 x 03			08	
Dimensional tolerances:				
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	17 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance category:	T0
Active soluble salt content:	S2		Range category:	T2 R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	30 N/mm² [⊥ bed face] 17 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2
Water vapour diffusion coefficient (EN 1745 table			Reaction to fire:	S2 Class A1
value):	50/100		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			value):	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density:	1530 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids		Configuration:	Vertically Perforated 13-25% Voids
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.59 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.			al purpose or lightweight mortars.	

See Also Declaration of Performance DOP/HANUK/BR/6036412

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6035514 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road,	
BS EN 771-1:	2011	Measham, DE Confirms t	
VILLAGE HONE	Y GOLD		
06		VILLAGE HONE	Y GOLD
		Manufacturing Plar	nt: KIRTON
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	17 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
		Tolerance category: Range category:	T2 R1
Active soluble salt content:	S2	Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	17 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	00,100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1530 kg/m³ (D1)
Configuration:	Vertically Perforated 13-25% Voids	Configuration:	Vertically Perforated 13-25% Voids
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.59 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	ral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6035514

Che la Cattale Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6045421 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms	that:
ASHWELL YELLC	W MULTI		
06		ASHWELL YELI	LOW MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pl	ant: <b>KIRTON</b>
Dimensional tolerances:		06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %	Regulati	01. E0 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	: Т2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1520 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	: 1520 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-21% Voids	Configuration Equivalent thermal conductivity:	: Vertically Perforated 11-21% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.54 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6045421

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/BR/6513210 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011		Confi	rms that:
HERITAGE AUTU	MN BUFF	-		
07			HERITAGE	AUTUMN BUFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant: KIRTON	
Dimensional tolerances:			07	
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %		5	
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance category	ory: T2
Active soluble salt content:	S2		Compressive strength:	
Reaction to fire:	Class A1		Water absorption:	20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1520 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross den	sity: 1520 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-21% Voids		Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]		Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed ir general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6513210

as la latherez

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/BR/6013017 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011		Confi	rms that:
LINDUM BARLEY	MIXTURE			
07			LINDUM BA	RLEY MIXTURE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturin	g Plant: <b>KIRTON</b>
Dimensional tolerances:				07
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %		Key	
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance category	ory: T2
Active soluble salt content:	S2		Compressive strength:	
Reaction to fire:	Class A1		Water absorption:	20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1520 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross der	sity: 1520 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-21% Voids		Configura	tion: Vertically Perforated 11-21% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.54 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6013017

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/HA The undersigned, Hanson Measham Wo	NUK/BR represe Building	Products erstone Road,
BS EN 771-1:	2011	Co	onfirms th	nat:
07		LINDUM WI	EALDST	ONE MULTI
		Manufactu	ring Plar	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Waltdracta	0	
Dimensional tolerances:			07	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		n Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		5mm, clay masonry units
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		: Annex ZA of BS EN 771-1:2011, System 4
Water absorption:	20 %	Regulation: EU No 305/2011		
Durability against freeze-thaw:		Dimensional tolerances:		
	F2	Tolerance ca Range ca		T2 R1
Active soluble salt content:	S2	Compressive strength:	legory.	30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		20 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire:		Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 ta	blo	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	516	5/10
Gross density:	1520 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross d	lonsity.	1520 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-21% Voids	Configu		Vertically Perforated 11-21% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:		0.54 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 77		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			is in co	nformity with the declared values, when installed

See Also Declaration of Performance DOP/HANUK/BR/6011518

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performa DOP/HANUK/BR/6040228 The undersigned, representing the follow Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	wing:
BS EN 771-1:	2011	Confirms that:	
MELFORD YEI	LOW		
06		MELFORD YELLOW	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: KIRTON	
		06	
Dimensional tolerances: Tolerance category:	T2	Conforms to the Harmonised European Standard: B	S EN 771-1:2011
0,7		Category II, HD, 215 x 102.5 x 65mm, clay ma	asonry units
Range category:	R1		-
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of Regulation: EU No 305/	
Water absorption:	20 %	Dimensional televineer.	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category: T2	
Active soluble salt content:	S2	Range category: R1	[⊥ bed face]
Reaction to fire:	Class A1	Compressive strength:30 N/mm²Water absorption:20 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:F2Active soluble salt content:S2	
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire: Class A1	
value):	5/10	Bond strength (Fixed value from EN 998-2): 0.15 N/mm Water vapour diffusion coefficient (EN 1745 table	2
Direct airborne sound insulation:		value):	
Gross density:	1520 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density: 1520 kg/m <sup>2</sup>	<sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-21% Voids		Perforated 11-21% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement: NPD	Louidial
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given whe appropriate form. See Annex ZA3 of BS EN 771-1:2011.	en and where required in the
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.			

See Also Declaration of Performance DOP/HANUK/BR/6040228

Signed on behalf of the manufacturer:

as la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/HAN The undersigned, r Hanson E Measham Woi	Df Performance UK/BR/6035316 epresenting the following: uilding Products s, Atherstone Road,
BS EN 771-1:			m, DE12 7EL firms that:
VILLAGE GREY	SIONE		
06		VILLAGI	GREYSTONE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactur	ng Plant: <b>KIRTON</b>
Dimensional (alexandra)			06
Dimensional tolerances: Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	30 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	20 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance cate Range cate	gory: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	30 N/mm <sup>2</sup> [⊥ bed face] 20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 tab	
Gross density:	1520 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	<b>nsity:</b> 1520 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-21% Voids	Configu	ation: Vertically Perforated 11-21% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.54 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances wi appropriate form. See Annex ZA3 of BS EN 771	I only be given when and where required in the 1:2011.
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions ar	s in conformity with the declared values, when installed in d general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6035316

Signed on behalf of the

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/BR/6001717 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		/6001717 hting the following: Products erstone Road,
BS EN 771-1:	2011		(	Confirms th	at:
CHATSWORTH GR	EY RUSTIC				
06			CHATSW	ORTH GR	EY RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant: KIRTON		t: KIRTON
Dimensional tolerances:			06		
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	26 %			regulation	
Durability against freeze-thaw:	F1		Dimensional tolerances: Tolerance of	category:	Τ2
Active soluble salt content:	S2			category:	R1 20 N/mm² [⊥ bed face]
Reaction to fire:	Class A1		Water absorption:		26 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:		F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 value):	table	5/10
Gross density:	1370 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	density:	1370 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-16% Voids		Config	guration:	Vertically Perforated 11-16% Voids
Equivalent thermal conductivity:	0.47 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:		0.47 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified abor accordance with the manufacturer's instructions		nformity with the declared values, when installed ir all purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6001717

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6035811 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6035811 ting the following: Products erstone Road,
BS EN 771-1:	2011	Confirms that:		at:
EDWARDIAN DRA	GFACED			
06		EDWARI	DIAN DRA	GFACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: KIRTON		t: KIRTON
Dimensional tolerances:		06		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	35 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	14 %		regulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance c	ategory.	Т2
Active soluble salt content:	S2		ategory:	R1 35 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 t value):	adle	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	density:	1530 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids		guration:	Vertically Perforated 13-25% Voids 0.59 W/m.K [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified abov accordance with the manufacturer's instructions		nformity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6035811

al la la therea Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6013215 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6013215 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms that	at:
LINDUM COTTAGE	RED MULTI			
07		LIND	OUM COTTAGE I	RED MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: KIRTON		: KIRTON
Dimensional tolerances:		07		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	35 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	14 %		rogulation	0 0 000, _ 0
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolera	ince category:	Т2
Active soluble salt content:	S2		inge category:	R1 35 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1 value):	1745 table	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1530 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids	C	Configuration:	Vertically Perforated 13-25% Voids
Equivalent thermal conductivity:	0.59 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movem	ent:	0.59 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instruct		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6013215

Signed on behalf of the manufacturer:

al la la therea

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



### **Declaration of Performance** DOP/HANUK/BR/6020626 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: LINDUM RED LINDUM RED 06 Manufacturing Plant: KIRTON Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 35 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 14 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 35 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 14 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1530 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1530 kg/m<sup>3</sup> (D1) Vertically Perforated 13-25% Voids Configuration: Configuration: Vertically Perforated 13-25% Voids Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.59 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

Other Information: Dry weight per brick: 2.05kg Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6020626

Signed on behalf of the manufacturer:

Relatation

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			Declaration of Performance DOP/HANUK/BR/6038812 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6038812 ting the following: Products rstone Road, 2 7EL
CLUMBER B	UFF				
08				CLUMBER B	UFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant: KIRTON		:: KIRTON
Dimensional tolerances:			08		
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	20 %			Regulation	. EU NU 303/2011
Durability against freeze-thaw:	F2	[	Dimensional tolerances:	rance category:	Т2
Active soluble salt content:	S2			Range category:	R1 30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1		Water absorption: Durability against freeze-thaw:		20 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Reaction to fire: Bond strength (Fixed value from EN 9		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN value):	N 1745 table	5/10
Gross density:	1430 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	Gross density:	1430 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-21% Voids		Equivalent thermal conductivity:	Configuration:	Vertically Perforated 11-21% Voids 0.54 W/m.K [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]		Dimensional stability / Moisture Move	ment:	NPD
Dimensional stability:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerous subs appropriate form. See Annex ZA3 of B		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified accordance with the manufacturer's instr		nformity with the declared values, when installed i al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6038812

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/BR/6036214 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6036214 ting the following: Products rstone Road,
BS EN 771-1:2011			Confirms that:		
THORESBY BUF	FMULTI				
08			ТНО	RESBY BUF	FMULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant: KIRTON		:: KIRTON
Dimensional tolerances:			08		
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	20 %			rtegulation	. 20 10 000/2011
Durability against freeze-thaw:	F2	D	Dimensional tolerances:		
Active soluble salt content:	S2	c		e category: e category:	T2 R1 30 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	v	Vater absorption:		20 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	R	Reaction to fire: Bond strength (Fixed value from EN 998-2)		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Vater vapour diffusion coefficient (EN 174 ralue):	45 table	5/10
Gross density:	1430 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density: 1430 kg/m <sup>3</sup> (D1)		
Configuration:	Vertically Perforated 11-21% Voids			nfiguration:	Vertically Perforated 11-21% Voids 0.54 W/m.K [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]	D	Dimensional stability / Moisture Movement	t:	NPD
Dimensional stability:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substance oppropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		ccordance with the manufacturer's instructio			

See Also Declaration of Performance DOP/HANUK/BR/6036214

Signed on behalf of the manufacturer:

as la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			Declaration of Performance DOP/HANUK/BR/6080019 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
ATHERSTONE	ERED	-			
15			ATHERSTONE	ERED	
			Manufacturing Plant: MEA	SHAM HENRY 2	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		15		
Dimensional tolerances:					
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	13 %				
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance category:	T2	
Active soluble salt content:	S2		Range category:	R1 20 N/mm <sup>2</sup> [⊥ bed face]	
Reaction to fire:	Class A1		Compressive strength: Water absorption:	13 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table	50/100		Reaction to fire:	Class A1	
value): Direct airborne sound insulation:	00,100		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup> 50/100	
Gross density:	1550 kg/m³ (D1)		value): Direct airborne sound insulation:		
			Gross density: 1550 kg/m <sup>3</sup> (D1)		
Configuration:	Frogged 8-18% Voids		Configuration: Equivalent thermal conductivity:	Frogged 8-18% Voids 0.51 W/m.Κ [λ <sub>10,dry</sub> ]	
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]		Dimensional stability / Moisture Movement:	NPD	
Dimensional stability:	NPD See Nate		Dangerous Substances: Note: Information on Dangerous substances will only b	See Note	
Dangerous Substances:	See Note		appropriate form. See Annex ZA3 of BS EN 771-1:2011.		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is in cor accordance with the manufacturer's instructions and gener		

See Also Declaration of Performance DOP/HANUK/BR/6080019

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6090018 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms that:	
ATHERSTONE RE	ED MULTI		
15		ATHERSTONE R	ED MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: MEASHAM HENRY 2	
Dimensional tolerances:		15	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %	Regulato	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density: 1550 kg/m <sup>3</sup> (D1)	
Configuration:	Frogged 8-18% Voids	Equivalent thermal conductivity:	Frogged 8-18% Voids 0.51 W/m.Κ [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6090018

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1 Confirms th	6090315 hting the following: Products erstone Road, 2 7EL
AUTUMN GLOW	<b>STOCK</b>		
15		AUTUMN GLOW	<b>STOCK</b>
		Manufacturing Plant: MEA	SHAM HENRY 2
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	, i i i i i i i i i i i i i i i i i i i	
Dimensional tolerances:		15	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1 20 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Compressive strength: Water absorption:	13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 8-18% Voids	Configuration:	Frogged 8-18% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6090315

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represer Hanson Building I Measham Works, Athe Measham, DE1 Confirms th	<b>/6090414</b> hting the following: Products erstone Road, 2 7EL
AUTUMN GLOW MU	II TI STOCK		
		AUTUMN GLOW MU	ILTI STOCK
15			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: <b>MEA</b>	SHAM HENRY 2
Dimensional television		15	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 20 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 8-18% Voids	Configuration:	Frogged 8-18% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6090414

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR The undersigned, represen Hanson Building Measham Works, Ath Measham, DE Confirms th	/ <b>6091312</b> nting the following: Products erstone Road, 12 7EL
BARNHAM RED	<b>STOCK</b>		
15		BARNHAM RED	STOCK
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: <b>MEA</b>	ASHAM HENRY 2
Dimensional tolerances:		15	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:	R1		
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2	Range category: Compressive strength:	R1 20 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	30/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 8-18% Voids	Configuration: Equivalent thermal conductivity:	Frogged 8-18% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.51 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6091312

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1 Confirms th	6090711 ting the following: Products rstone Road, 2 7EL
CAVERSH	AM		
15		CAVERSH	AM
		Manufacturing Plant: MEA	SHAM HENRY 2
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	, i i i i i i i i i i i i i i i i i i i	
Dimensional tolerances:		15	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 20 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m³ (D1)
Configuration:	Frogged 8-18% Voids	Configuration:	Frogged 8-18% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6090711

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of F DOP/HANUK/BR The undersigned, represen Hanson Building Measham Works, Ath Measham, DE Confirms th	/6091213 nting the following: Products erstone Road, 12 7EL
CHERTSEY ANTIQUE			
15		CHERTSEY ANTIQUE	BLEND STOCK
Category II, HD, 215 x 102.5 x 65	mm. clav masonrv units	Manufacturing Plant: MEA	ASHAM HENRY 2
	,	15	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %	- Cogulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 20 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m³ (D1)
Configuration:	Frogged 8-18% Voids	Configuration:	Frogged 8-18% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6091213

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represer Hanson Building Measham Works, Athe Measham, DE1 Confirms th	/6090810 nting the following: Products erstone Road, 12 7EL
CHELSEA SMOKED	RED STOCK		
15		CHELSEA SMOKED	RED STOCK
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: MEA	SHAM HENRY 2
Dimensional tolerances:		15	
Tolerance category:	To	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
<b>U</b> ,		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:	R1		
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	20 N/mm <sup>2</sup> [⊥ bed face] 13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:	S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 8-18% Voids	Configuration:	Frogged 8-18% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6090810

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of P DOP/HANUK/BR/ The undersigned, represer Hanson Building I Measham Works, Athe Measham, DE1	6090711 ting the following: Products erstone Road,
BS EN 771-1:		Confirms th	at:
HAMPTON RURAL BI	END STOCK		
15		HAMPTON RURAL BI	END STOCK
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: <b>MEA</b>	SHAM HENRY 2
Dimensional tolerances:		15	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %	·······································	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 20 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 8-18% Voids	Equivalent thermal conductivity:	Frogged 8-18% Voids 0.51 W/m.Κ [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6090711

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of F DOP/HANUK/BR The undersigned, represen Hanson Building Measham Works, Ath Measham, DE Confirms th	/ <b>6080910</b> nting the following: Products erstone Road, 12 7EL
OAKTHORPE RE	R STOCK	Commisu	lat.
	DSTOCK	OAKTHORPE RE	D STOCK
15			b stock
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: MEA	ASHAM HENRY 2
Dimensional tolerances:		15	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
		Regulation: EU No 305/2011	
Water absorption:	13 %	Dimensional tolerances:	
Durability against freeze-thaw:	F2	Tolerance category:	T2
Active soluble salt content:	S2	Range category: Compressive strength:	R1 20 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value): Direct airborne sound insulation:		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup> 50/100
	2	value): Direct airborne sound insulation:	30/100
Gross density:	1550 kg/m³ (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 8-18% Voids	Configuration: Equivalent thermal conductivity:	Frogged 8-18% Voids 0.51 W/m.K [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6080910

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represer Hanson Building Measham Works, Athe Measham, DE1 Confirms th	<b>/6090216</b> hting the following: Products erstone Road, 2 7EL
OAKTHORPE RED M	ULTI STOCK		
15		OAKTHORPE RED M	ULTI STOCK
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: MEA	SHAM HENRY 2
		15	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %	Rogalation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 20 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1550 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 8-18% Voids	Configuration:	Frogged 8-18% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in co accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6090216

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of DOP/HANUK/ The undersigned, repre Hanson Buildi Measham Works, / Measham, I	BR/6091114 senting the following: ng Products therstone Road,
BS EN 771-1:	2011	Confirm	s that:
RICHMOND SMOKED	RED BLEND		
15		RICHMOND SMOK	ED RED BLEND
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: <b>N</b>	EASHAM HENRY 2
Dimensional tolerances:		15	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categor	<b>y:</b> T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	13 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 1550 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 8-18% Voids	Configuratio	
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge	

See Also Declaration of Performance DOP/HANUK/BR/6091114

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of F DOP/HANUK/BF The undersigned, represe Hanson Building Measham Works, Ath Measham, DE	R/6091015 Inting the following: Products Ierstone Road, 12 7EL
		Confirms t	nat:
WESTCROFT RE	DMOLII		
15		WESTCROFT RI	ED MOLTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: <b>ME</b>	ASHAM HENRY 2
Dimensional tolerances:		15	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	20 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	13 %	regulato	1. E0 N0 500/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	13 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1550 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1550 ka/m <sup>3</sup> (D1)
Configuration:	Frogged 8-18% Voids	Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6091015

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Road, Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P Dop/HANUK/BR The undersigned, represen Hanson Building Measham Works, Ath Measham, DE Confirms th	/6080316 nting the following: Products erstone Road, 12 7EL
ATHERSTONE	BUFF		
15		ATHERSTONE	BUFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: MEA	SHAM HENRY 2
Dimensional tolerances:		15	
	To	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:			
Compressive strength:	35 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	11 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	35 N/mm² [⊥ bed face] 11 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	30/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 5-15% Voids	Configuration:	Frogged 5-15% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.54 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6080316

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR The undersigned, represen Hanson Building Measham Works, Athu Measham, DE Confirms th	/6090117 nting the following: Products erstone Road, 12 7EL
		Commisu	lat.
ATHERSTONE BU	FFMOLII	ATHERSTONE BU	
15		ATHERSTONE BU	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: MEA	ASHAM HENRY 2
Dimensional tolerances:		15	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
	35 N/mm² [⊥ bed face]	Regulation: EU No 305/2011	
Water absorption:	11 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2	Range category: Compressive strength:	 R1 35 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	11 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 5-15% Voids	Equivalent thermal conductivity:	Frogged 5-15% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.54 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6090117

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Athu Measham, DE Confirms th	/6090919 nting the following: Products erstone Road, 12 7EL
BELGRAVIA GAU		Commisu	ial.
		BELGRAVIA GAU	
15		BELONAVIA GAO	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: MEA	SHAM HENRY 2
Dimensional tolerances:		15	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	35 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	11 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	35 N/mm² [⊥ bed face] 11 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F2
Water vapour diffusion coefficient (EN 1745 table	0.15 10/11/1	Active soluble salt content: Reaction to fire:	S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 5-15% Voids	Configuration:	Frogged 5-15% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.54 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6090919

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			Declaration of Performance DOP/HANUK/BR/6090513 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
CAMDEN YELLOW M	ULTI STOCK			
15			CAMDEN YELLOW M	ULTI STOCK
Category II, HD, 215 x 102.5 x 65			Manufacturing Plant: MEA	SHAM HENRY 2
Category II, HD, 213 X 102.3 X 03			15	
Dimensional tolerances:				
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	35 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	11 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2		Dimensional tolerances:	To
Active soluble salt content:	S2		Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	35 N/mm <sup>2</sup> [⊥ bed face] 11 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100		Reaction to fire:	Class A1
value):	50/100		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			value):	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 5-15% Voids		Configuration: Equivalent thermal conductivity:	Frogged 5-15% Voids 0.54 W/m.Κ [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]		Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD		Dangerous Substances: See Note	
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only b appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201			The performance of the product identified above is in cor accordance with the manufacturer's instructions and genera	

See Also Declaration of Performance DOP/HANUK/BR/6090513

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

Date: 02 June 2015

Full name: Carl Cuthbert

As la latheres



## **Declaration of Performance** DOP/HANUK/BR/6080712 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: KENTISH MULTI STOCK SPECIAL RESERVE KENTISH MULTI STOCK SPECIAL RESERVE 15 Manufacturing Plant: MEASHAM HENRY 2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units 15 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 35 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 11 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 35 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 11 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1700 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1700 kg/m<sup>3</sup> (D1) Configuration: Frogged 5-15% Voids Configuration: Frogged 5-15% Voids Equivalent thermal conductivity: 0.54 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.54 W/m.K [λ<sub>10.drv</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in appropriate form. See Annex ZA3 of BS EN 771-1:2011.

Other Information: Dry weight per brick: 2.36kg Bricks per pack: 495

See Also Declaration of Performance DOP/HANUK/BR/6080712

Signed on behalf of the manufacturer:

Relatation

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6080613 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
OAKTHORPE BUFF N		Commis	ulat.	
	IDENSIOCK	OAKTHORPE BUFF		
15				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: MI	EASHAM HENRY 2	
Dimensional tolerances:		15		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	35 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	11 %	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	- TO	
Active soluble salt content:	S2	Range category	: R1	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	35 N/mm² [⊥ bed face] 11 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Value): Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:		
Configuration:	Frogged 5-15% Voids	Gross density Configuration	: Frogged 5-15% Voids	
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.54 W/m.Κ [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in accordance with the manufacturer's instructions and ger	conformity with the declared values, when installed	

See Also Declaration of Performance DOP/HANUK/BR/6080613

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Athu Measham, DE Confirms th	/6080514 nting the following: Products erstone Road, 12 7EL
OAKTHORPE BUF	FSTOCK		
		OAKTHORPE BUI	FF STOCK
Category II, HD, 215 x 102.5 x 65	mm. clav masonrv units	Manufacturing Plant: MEA	SHAM HENRY 2
		15	
Dimensional tolerances:		Conforms to the Harmonised European	Standard: BS EN 771-1-2011
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	35 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	11 %	Regulation	1. 20110 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2	Compressive strength:	R1 35 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	11 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1700 ka/m <sup>3</sup> (D1)
Configuration:	Frogged 5-15% Voids	Configuration:	Frogged 5-15% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.54 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6080514

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6044813 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Confirm	s that:	
WEATHERFIELD R	ED MULTI			
06		WEATHERFIEL	D RED MULTI	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plan	CAERNARVON	
Dimensional tolerances:		06		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	70 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	8 %			
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categor	<b>y</b> : T2	
Active soluble salt content:	S2	Compressive strength:		
Reaction to fire:	Class A1	Water absorption:	8%	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1770 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 1770 ka/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 15-20% Voids	Equivalent thermal conductivity:	h: Vertically Perforated 15-20% Voids	
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge		

See Also Declaration of Performance DOP/HANUK/BR/6044813

al la la therea Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6072311 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6072311 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms that	at:
BLUE BRINDLE	RUSTIC			
09		BLU	UE BRINDLE I	RUSTIC
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufac	cturing Plant: <b>V</b>	VILNECOTE
Dimensional tolerances:			09	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		regulation	. 20 10 000/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance	ce category:	Т2
Active soluble salt content:	S2		ge category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174 value):	45 table	50/100
Gross density:	1800 kg/m³ (D1)	Direct airborne sound insulation:	oss density:	1800 ka/m³ (D1)
Configuration:	Vertically Perforated 20-25% Voids		onfiguration:	Vertically Perforated 20-25% Voids 0.79 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movemen	nt:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substand appropriate form. See Annex ZA3 of BS E		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified a accordance with the manufacturer's instruction		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6072311

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6072410 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6072410 ting the following: Products rstone Road,
BS EN 771-1:			Confirms the	
BLUE BRINDLE S	SMOOTH			
06		Е	BLUE BRINDLE S	SMOOTH
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manı	ufacturing Plant: V	VILNECOTE
Dimensional tolerances:			06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		rtogulation	. 20 110 000,2011
Durability against freeze-thaw:	F2	Dimensional tolerances:		To
Active soluble salt content:	S2		ance category: ange category:	T2 R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 ka/m³ (D1)
Configuration:	Vertically Perforated 20-28% Voids		Configuration:	Vertically Perforated 20-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Moven	ment:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous subst appropriate form. See Annex ZA3 of B3		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identifie accordance with the manufacturer's instru		nformity with the declared values, when installed i al purpose or lightweight mortars.

Other Information: Dry weight per brick: 2.5 kg

Bricks per pack: 448

See Also Declaration of Performance DOP/HANUK/BR/6072410

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Road, Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		DOP/HA The undersigned Hanson Measham W Meas	NUK/BR , represer Building	
COUNTY MULTI	RUSTIC			
06		COUNT	Y MULTI	RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturir	ng Plant:	WILNECOTE
Dimensional tolerances:			06	
	To	Conforms to the Harmonised	Europear	n Standard: BS EN 771-1:2011
Tolerance category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		Smm clay masonry units
Range category:	R1			
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %			
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance ca	ategory:	Τ2
Active soluble salt content:	S2	Range ca		. − R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Compressive strength: Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:		Class A1
value):	00/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 ta	able	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value): Direct airborne sound insulation:		50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Gross	density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids	Config Equivalent thermal conductivity:	uration:	Vertically Perforated 20-25% Voids 0.79 W/m.K [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions a		nformity with the declared values, when installed ir ral purpose or lightweight mortars.

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information: Dry weight per brick: 2.5 kg

Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6074711

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6078412 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
COUNTY RED F	RUSTIC			
06		COUNTY	RED RUSTIC	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing	Plant: WILNECOTE	
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	Re	gulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cate	gory: T2	
Active soluble salt content:	S2	Compressive strength:		
Reaction to fire:	Class A1	Water absorption:	7 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	e 50/100	
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	<b>nsity:</b> 1800 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 20-25% Voids	Configur Equivalent thermal conductivity:	tion: Vertically Perforated 20-25% Voids	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances wil appropriate form. See Annex ZA3 of BS EN 771-		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above i accordance with the manufacturer's instructions an	s in conformity with the declared values, when installed ir general purpose or lightweight mortars.	

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information:

Dry weight per brick: 2.5 kg Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6078412

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6073318 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6073318 ting the following: Products rstone Road,
BS EN 771-1:			Confirms the	
	NRUSTIC	545		
06		DAF	RK MOROCCAN	NRUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manuf	facturing Plant: V	VILNECOTE
			06	
Dimensional tolerances:		Conforms to the Harmon	nised European	Standard: BS EN 771-1:2011
Tolerance category:	T2	Conforms to the Harmonised European Standard: <b>BS EN 771-1:2011</b>		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %			
Durability against freeze-thaw:	F2	Dimensional tolerances:	ince category:	Т2
Active soluble salt content:	S2		nge category:	R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1 value):	1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids	C	Configuration:	Vertically Perforated 20-25% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Moveme	ent:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substant appropriate form. See Annex ZA3 of BS		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instruc		nformity with the declared values, when installed i al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6073318

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6072915 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6072915 ting the following: Products rstone Road, 2 7EL
DARK MULTI R	USTIC			
06			DARK MULTI R	USTIC
Category II, HD, 215 x 102.5 x 65		Ма	anufacturing Plant: V	VILNECOTE
Calegory II, HD, 215 x 102.5 x 65			- 06	
Dimensional tolerances:				
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		riogulation	
Durability against freeze-thaw:	F2	Dimensional tolerances:	erance category:	Т2
Active soluble salt content:	S2		Range category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):	N 1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 20-25% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Move	ement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous sub appropriate form. See Annex ZA3 of		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identia accordance with the manufacturer's ins		- formity with the declared values, when installed ir al purpose or lightweight mortars.

Other Information: Dry weight per brick: 2.5 kg

Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6072915

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6078016 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: MIXED BROWN BRINDLE RUSTIC MIXED BROWN BRINDLE RUSTIC 06 Manufacturing Plant: WILNECOTE Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 75 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 7% Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 75 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 7% Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1800 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1800 kg/m<sup>3</sup> (D1) Vertically Perforated 20-25% Voids Configuration: Configuration: Vertically Perforated 20-25% Voids Equivalent thermal conductivity: 0.79 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.79 W/m.K [λ<sub>10,dry</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

Other Information: Dry weight per brick: 2.5 kg Bricks per pack: 504

value):

See Also Declaration of Performance DOP/HANUK/BR/6078016

Signed on behalf of the manufacturer:

No la lathere

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6074315 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6074315 ting the following: Products irstone Road, 2 7EL
			Confirms the	at:
BLUE RUS	lic		BLUE RUST	
06				-
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ma	anufacturing Plant: V	VILNECOTE
Dimensional tolerances:			06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	Regulation: EU No 305/2011		. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	erance category:	Т2
Active soluble salt content:	S2		Range category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):	N 1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 20-25% Voids 0.79 W/m.K [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Mov	ement:	NPD
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous sub appropriate form. See Annex ZA3 of		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identia accordance with the manufacturer's ins		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6074315

le la lathlerez

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6074216 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6074216 ting the following: Products irstone Road, 2 7EL
BLUE SMOO	отн			
06			BLUE SMOO	отн
		Ма	anufacturing Plant: V	VILNECOTE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		06	
Dimensional tolerances:				
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %			
Durability against freeze-thaw:	F2	Dimensional tolerances:	erance category:	Т2
Active soluble salt content:	S2		Range category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):	N 1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids	Configuration: Vertically Perforated 20-28% Voids		
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Move	ement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous sub- appropriate form. See Annex ZA3 of		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identif accordance with the manufacturer's inst		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6074216

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6159128 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms t	hat:
FARMHOUSE BROWN SA	NDFACED 73mm		
13		FARMHOUSE BROWN S	ANDFACED 73mm
Category II, HD, 215 x 102.5 x 73	mm clav masonry units	Manufacturing Plant:	WILNECOTE
		13	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm² [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	$4000 \ln(\pi^3 (D4))$
Configuration:	Vertically Perforated 23-28% Voids	Gross density: 1800 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 23-28% Voids	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6159128

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6159227 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms	that:
GOLDEN BROWN SAN	DFACED 73mm		
13		GOLDEN BROWN SA	NDFACED 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plan	t: WILNECOTE
Dimensional tolerances:		13	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
		Regulation: EU No 305/2011	
Water absorption:	7 %	Dimensional tolerances:	
Durability against freeze-thaw:	F2	Tolerance categor	
Active soluble salt content:	S2	Range categor Compressive strength:	<i>r</i> : R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>/:</b> 1800 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Configuration: Vertically Perforated 23-28% Voids	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge	

See Also Declaration of Performance DOP/HANUK/BR/6159227

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		-	Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1	6076517 Iting the following: Products erstone Road,
BS EN 771-1:	2011		Confirms th	at:
DARK MOROCCAN SM	IOOTH 73mm			
11			DARK MOROCCAN SM	IOOTH 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units		Manufacturing Plant: N	WILNECOTE
Dimensional tolerances:			11	
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		<b>-</b>	
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2		Range category:	R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Sond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2
Vater vapour diffusion coefficient (EN 1745 table			Reaction to fire:	S2 Class A1
value):	50/100		Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	$1000 \text{ km/m}^3$ (D1)
Configuration:	Vertically Perforated 20-25% Voids		Gross density: 1800 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 20-25% Voids	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances: See Note	
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201			The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	nformity with the declared values, when ins

See Also Declaration of Performance DOP/HANUK/BR/6076517

Signed on behalf of the manufacturer:

ale la lathering

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOF The undersig Han Meashar	P/HANUK/BR/	ting the following: Products rstone Road,
BS EN 771-1: BLUE BRINDLE RU			Confirms the	
BLUE BRINDLE RU	STIC 73mm			710 70
06		BLUE	BRINDLE RUS	STIC 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufac	cturing Plant: <b>V</b>	VILNECOTE
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %			
Durability against freeze-thaw:	F2	Dimensional tolerances:	ce category:	Т2
Active soluble salt content:	S2		ge category:	R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174 value):	45 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:		1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids	Configuration: Vertically Perforated 20-25% Voids		
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movemen	nt:	0.79 W/m.K [A <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS El		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified a accordance with the manufacturer's instruction		nformity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6072328

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6072427 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6072427 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms that	at:
BLUE BRINDLE SMO	DOTH 73mm			
06		BLUE	BRINDLE SMO	OOTH 73mm
		Manufa	acturing Plant: V	VILNECOTE
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units		06	
Dimensional tolerances:		06		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	Regulation: EU No 305/2011		. EU NU 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	nce category:	Т2
Active soluble salt content:	S2	Ran	nge category:	R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Compressive strength: Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-	3-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1 value):	745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	waaa danaltar	$4000 \ln (-3^3)$ (D4)
Configuration:	Vertically Perforated 23-28% Voids	Gross density: 1800 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 23-28% Voids		Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Moveme	ent:	0.79 W/m.K [λ <sub>10,dry</sub> ] N/A
Dimensional stability:	N/A	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substar appropriate form. See Annex ZA3 of BS		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instruction		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6072427

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 BLUE RUSTIC 73mm		Declaration of Performance DOP/HANUK/BR/6074322 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6074322 ting the following: Products rstone Road, 2 7EL
	75000	в	BLUE RUSTIC	73mm
06		Manufa	acturing Plant: <b>V</b>	
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manula	acturing Flant. <b>v</b>	VIENECOTE
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	Regulation: EU No 305/2011		: EU NO 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	nce category:	To
Active soluble salt content:	S2		ige category:	T2 R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 17 value):	745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids	Configuration: Vertically Perforated 20-25% Voids		
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement	ent:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS E		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified a accordance with the manufacturer's instruction		formity with the declared values, when installed al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6074322

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 COUNTY RED DRAGFACED 73mm			Declaration of Performance DOP/HANUK/BR/6078313 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
10			COUNTY RED DR	GFACED 73mm
Category II, HD, 215 x 102.5 x 73	mm clay maconny units		Manufacturing Pla	nt: WILNECOTE
Calegory II, nD, 215 X 102.5 X 73			10	
Dimensional tolerances:			Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance categor	<b>y</b> : T2
Active soluble salt content:	S2		Range categor	y: R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table	50/100
Gross density:	1800 ka/m <sup>3</sup> (D1)		value): Direct airborne sound insulation:	3
Configuration:	Vertically Perforated 23-28% Voids		Gross density: 1800 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 23-28% Voids	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note	[ [	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is in accordance with the manufacturer's instructions and ge	

See Also Declaration of Performance DOP/HANUK/BR/6078313

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6073325 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
DARK MOROCCAN R	USTIC 73mm		
06		DARK MOROCCAN R	USTIC 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant: V	VILNECOTE
Dimensional tolerances:		06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
, <u>-</u>		Tolerance category: Range category:	T2 R1
Active soluble salt content:	S2	Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	value): Direct airborne sound insulation:	
	5 ( )	Gross density: 1800 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 20-25% Voids	Configuration:         Vertically Perforated 20-25% Voids           Equivalent thermal conductivity:         0.79 W/m.K [λ <sub>10,dry</sub> ]	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note	
Dimensional stability:	NPD See Note	Dangerous Substances:         See Note           Note: Information on Dangerous substances will only be given when and where required in the	
Dangerous Substances:		appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6073325

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6078511 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
DARK MULTI SMO		DARK MULTI SM	DOTH 73mm
		Manufacturing Plant	
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	, i i i i i i i i i i i i i i i i i i i	
Dimensional tolerances:		10	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulati	on: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	: T2
Active soluble salt content:	S2	Range category	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	: 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Configuration	Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in a accordance with the manufacturer's instructions and gen	

See Also Declaration of Performance DOP/HANUK/BR/6078511

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 DARK MULTI RUSTIC 73mm		Declaration of Performance DOP/HANUK/BR/6078115 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:
10		DARK MULTI RUSTIC 73mm
Category II, HD, 215 x 102.5 x 73	mm. clav masonry units	Manufacturing Plant: WILNECOTE
	, , , <u></u>	10
Dimensional tolerances:	_	Conforms to the Harmonised European Standard: BS EN 771-1:2011
Tolerance category:		
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System Regulation: EU No 305/2011
Water absorption:	7 %	Regulation. Ed No 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category: T2
Active soluble salt content:	S2	Range category: R1
Reaction to fire:	Class A1	Compressive strength:75 N/mm² [⊥ bed face]Water absorption:7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: S2 Reaction to fire: Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2): 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table 50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density: 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids	Configuration: Vertically Perforated 20-25% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity:         0.79 W/m.K [λ <sub>10,dry</sub> ]           Dimensional stability / Moisture Movement:         NPD
Dimensional stability:	NPD	Dangerous Substances: See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in th appropriate form. See Annex ZA3 of BS EN 771-1:2011.
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		

See Also Declaration of Performance DOP/HANUK/BR/6078115

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6078023 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
MIXED BROWN BRINDLI	E RUSTIC 73mm		
06		MIXED BROWN BRINDLI	E RUSTIC 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant: N	NILNECOTE
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7%	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
		Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 20-25% Voids	Gross density:     1800 kg/m³ (D1)       Configuration:     Vertically Perforated 20-25% Voids       Equivalent thermal conductivity:     0.79 W/m.K [λ <sub>10.drv</sub> ]	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only l appropriate form. See Annex ZA3 of BS EN 771-1:2011	be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	al purpose or lightweight mortars.

Other Information: Dry weight per brick: 2.8 kg

Bricks per pack: 384

See Also Declaration of Performance DOP/HANUK/BR/6078023

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6074223 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		<b>46074223</b> hting the following: Products erstone Road, 2 7EL
BLUE SMOOTH	73mm			
06			BLUE SMOOTH	73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Ма	anufacturing Plant: N	WILNECOTE
Dimensional tolerances:		06		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	
Durability against freeze-thaw:	F2	Dimensional tolerances:	lerance category:	Τ2
Active soluble salt content:	S2		Range category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):	-N 1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 23-28% Voids 0.79 W/m.K [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Mov	vement:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous sub appropriate form. See Annex ZA3 of	ostances will only l BS EN 771-1:2011	be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identia accordance with the manufacturer's ins		nformity with the declared values, when installed in a purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6074223

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6077019 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
COUNTY MULTI DRAG	FACED 73mm		
06		COUNTY MULTI DRAG	FACED 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant: N	VILNECOTE
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7%	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm² [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 23-28% Voids	Gross density: 1800 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 23-28% Voids	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6077019

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6076913 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Confirms th	at:	
COUNTY MULTI RU	STIC 73mm			
06		COUNTY MULTI RU	STIC 73mm	
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant:	WILNECOTE	
Dimensional tolerances:		06		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:		Category II, HD, 215 x 102.5 x 73mm, clay masonry units		
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances:		
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1	
		Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1800 kg/m³ (D1)	
Configuration:	Vertically Perforated 20-25% Voids	Configuration:	Vertically Perforated 20-25% Voids	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gener		

See Also Declaration of Performance DOP/HANUK/BR/6076913

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6078115 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Confirms th	at:	
COUNTY MULTI SMO	DOTH 73mm			
06		COUNTY MULTI SMO	DOTH 73mm	
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant:	WILNECOTE	
Dimensional tolerances:		06		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:		Category II, HD, 215 x 102.5 x 73mm, clay masonry units		
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances:		
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1	
		Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content: Reaction to fire:	S2 Class A1	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	$4200  km/m^3$ (D4)	
Configuration:	Vertically Perforated 23-28% Voids	Configuration:	1800 kg/m <sup>3</sup> (D1) Vertically Perforated 23-28% Voids	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gener		

See Also Declaration of Performance DOP/HANUK/BR/6078115

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6073424 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
COUNTY RED RUS	TIC 73mm		
06		COUNTY RED RUS	TIC 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant:	WILNECOTE
Dimensional tolerances:		06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
		Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content: Reaction to fire:	S2 Class A1
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids	Configuration:	Vertically Perforated 20-25% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6073424

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6073622 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6073622 ting the following: Products irstone Road, 2 7EL
COUNTY RED SMO	0TH 72mm		Confirms the	aı.
		G	OUNTY RED SMO	OTH 73mm
06		-		
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Ма	nufacturing Plant: V	VILNECOTE
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		rtegulation	
Durability against freeze-thaw:	F2	Dimensional tolerances:	erance category:	Т2
Active soluble salt content:	S2		Range category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):	N 1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Move	ement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous sub- appropriate form. See Annex ZA3 of	stances will only b BS EN 771-1:2011.	be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identif accordance with the manufacturer's inst		nformity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6073622

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/H/ The undersigned Hansor Measham W	ANUK/BR d, represer n Building	nting the following: Products erstone Road,
BS EN 771-1:	2011	C	Confirms th	at:
FARMHOUSE BROWN	SANDFACED			
13		FARMHOUSI	E BROWN	SANDFACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturi	ing Plant:	WILNECOTE
Dimensional tolerances:			13	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		regulation	1. EU NU 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance c	ategory.	Τ2
Active soluble salt content:	S2		ategory:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 t value):	aple	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	density:	1800 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids		guration:	Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified abov accordance with the manufacturer's instructions		nformity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6074612

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6074612 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6074612 ting the following: Products rstone Road, 2 7EL
GOLDEN BROWN S	ANDFACED	GOLDE	EN BROWN SA	
13				-
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufac	cturing Plant: V	VILNECOTE
Dimensional tolerances:			13	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Toleranc	ce category:	Т2
Active soluble salt content:	S2		ge category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174 value):	45 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	oss density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids		onfiguration:	Vertically Perforated 23-28% Voids 0.79 W/m.K [ $\lambda_{10,dry}$ ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movemen	nt:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS El		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified al accordance with the manufacturer's instruction		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6074612

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6074117 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
COUNTY MULTI DR	AGFACED		
06		COUNTY MULTI DR	AGFACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	WILNECOTE
Dimensional tolerances:		06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
		Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content: Reaction to fire:	S2 Class A1
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1800 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Configuration:	Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6074117

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6074810 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6074810 ting the following: Products irstone Road, 2 7EL
COUNTY MULTI	SMOOTH		Continues the	aı.
	SMOOTH		COUNTY MULTIS	SMOOTH
06				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ma	anufacturing Plant: V	VILNECOTE
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	
Durability against freeze-thaw:	F2	Dimensional tolerances:	erance category:	Т2
Active soluble salt content:	S2		Range category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):	N 1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]	Dimensional stability / Moisture Move	ement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous sub appropriate form. See Annex ZA3 of		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identia accordance with the manufacturer's ins		nformity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6074810

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathlering



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6074513 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6074513 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms that	at:
COUNTY RED DR/	AGFACED			
06		co	DUNTY RED DRA	GFACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manu	ufacturing Plant: <b>V</b>	VILNECOTE
Dimensional tolerances:		06		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		regulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolera	ance category:	Т2
Active soluble salt content:	S2		ange category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1/45 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids		Configuration:	Vertically Perforated 23-28% Voids 0.79 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.79 W/m.Κ [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movem	nent:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instru		formity with the declared values, when installed ir al purpose or lightweight mortars.

Other Information: Dry weight per brick: 2.5 kg

Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6074513

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6074612 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6074612 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms that	at:
COUNTY RED S	МООТН			
06		c	COUNTY RED SI	моотн
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manuf	facturing Plant: <b>V</b>	VILNECOTE
Dimensional tolerances:		06		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		regulation	. 20 10 000/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolera	ince category:	Т2
Active soluble salt content:	S2		nge category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998 Water warman diffusion coefficient (EN 4		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1 value):	1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids		Configuration:	Vertically Perforated 23-28% Voids 0.79 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movem	ent:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instruct		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6074612

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6073110 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
	I SMOOTH		
06		DARK MOROCCAN	N SMOOTH
Category II, HD, 215 x 102.5 x 65	mm clay masonry units	Manufacturing Plant: N	WILNECOTE
Galegory 11, 112, 213 x 102.5 x 03		06	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %	Regulation	1. EU NO 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1
value):	30/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Configuration: Equivalent thermal conductivity:	Vertically Perforated 23-28% Voids 0.79 W/m.K [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6073110

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		DOP/ The undersigne Hanso Measham	HANUK/BR/	ting the following: Products rstone Road, 2 7EL
DARK MULTI SI	моотн		RK MULTI SN	100TH
06				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactu	uring Plant: <b>V</b>	VILNECOTE
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonise	ed European	Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		Appay 7A of PS EN 771 1/2011 System 4
Compressive strength:	75 N/mm² [⊥ bed face]	Regulation: EU No 305/2011		
Water absorption:	7 %	Dimensional tolerances:		
Durability against freeze-thaw:	F2	Tolerance Tolerance	category:	Τ2
Active soluble salt content:	S2	Range Compressive strength:	category:	R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:		Class A1
value): Direct airborne sound insulation:		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745		0.15 N/mm <sup>2</sup> 50/100
	2	value): Direct airborne sound insulation:		30/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Gros	ss density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Conf Equivalent thermal conductivity:	figuration:	Vertically Perforated 23-28% Voids 0.79 W/m.K [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified abo accordance with the manufacturer's instruction		formity with the declared values, when installed ir al purpose or lightweight mortars.

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information: Dry weight per brick: 2.5 kg

Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6072618

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DO The undersig Ha Measha	)P/HANUK/BR/	ting the following: Products rstone Road,
BS EN 771-1:			Confirms the	
DARK TAME V	ALLEY			
06		U	DARK TAME VA	ALLEY
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	acturing Plant: <b>V</b>	VILNECOTE
			06	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Tolerance category:	12			
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	nce category:	Т2
Active soluble salt content:	S2	Ran	ige category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	0	Class A1
value): Direct airborne sound insulation:		Bond strength (Fixed value from EN 998- Water vapour diffusion coefficient (EN 17		0.15 N/mm <sup>2</sup> 50/100
		value): Direct airborne sound insulation:		00/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Gr	ross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Co Equivalent thermal conductivity:	onfiguration:	Vertically Perforated 23-28% Voids 0.79 W/m.K [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.79 W/m.Κ [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movemen	ent:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS E		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified a accordance with the manufacturer's instruction		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6075114

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		The un	ration of P DOP/HANUK/BR/ Indersigned, represen Hanson Building F easham Works, Athe Measham, DE1 Confirms th	ting the following: Products Irstone Road, 2 7EL
MILLENNIUM	RED			
06			MILLENNIUM	RED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ma	anufacturing Plant: V	VILNECOTE
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	lerance category:	Τ2
Active soluble salt content:	S2		Range category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):	EN 1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 23-28% Voids 0.79 W/m.K [ $\lambda_{10,dry}$ ]
Equivalent thermal conductivity:	0.79 W/m.Κ [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Mov	vement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	hotonooo will only b	See Note given when and where required in the
Dangerous Substances:	See Note	appropriate form. See Annex ZA3 of		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identi accordance with the manufacturer's ins		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6076418

le la Cathelica Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DC The unders Ha Measha	<b>OP/HANUK/BR/</b> signed, represen lanson Building F nam Works, Athe	ting the following: Products rstone Road,
BS EN 771-1:			Measham, DE1 Confirms that	
ORANGE ANTIQU	JE MULTI			
06		OR	RANGE ANTIQU	EMULII
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	facturing Plant: V	VILNECOTE
			06	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1-2011
Tolerance category:	T2	Conforms to the Harmonised European Standard. BS EN 171-1.2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		- 3	
Durability against freeze-thaw:	F2	Dimensional tolerances:	nce category:	Т2
Active soluble salt content:	S2		nge category:	R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1 value):	1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	C	Configuration:	Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Moveme	ent:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified accordance with the manufacturer's instruc		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6074919

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 TAME VALLEY RED MIXTURE		Declaration of Performance DOP/HANUK/BR/6077316 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
10	, MIXTORE	TAME VALLEY RE	DMIXTURE
		Manufacturing Plant:	WILNECOTE
Category II, HD, 215 x 102.5 x 65	mini, day masonry units	10	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised European Standard: <b>BS EN 771-1:2011</b>	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulatio	n: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	To
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m³ (D1)	Direct airborne sound insulation:	1000 L ( <sup>3</sup> (D 1)
Configuration:	Vertically Perforated 23-28% Voids	Gross density: Configuration:	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6077316

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6072212 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: WILNECOTE CLASS B ENGINEERING 65mm WILNECOTE CLASS B ENGINEERING 65mm 06 Manufacturing Plant: WILNECOTE Category II, HD, 215 x 102.5 x 65mm, clay masonry units 06 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 75 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 7% Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 75 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 7% Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1800 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1800 kg/m<sup>3</sup> (D1) Vertically Perforated 23-28% Voids Configuration: Configuration: Vertically Perforated 23-28% Voids Equivalent thermal conductivity: 0.79 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.79 W/m.K [λ<sub>10.drv</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

Other Information: Dry weight per brick: 2.5 kg Bricks per pack: 504

value):

See Also Declaration of Performance DOP/HANUK/BR/6072212

Signed on behalf of the manufacturer:

Relatation

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6777773 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
WILNECOTE CLASS B	SOLID 65MM		
08		WILNECOTE CLASS E	SOLID 65MM
		Manufacturing Plant:	WILNECOTE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	08	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %	Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	2300 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	2300 kg/m <sup>3</sup> (D1)
Configuration:	Solid	Configuration: Solid	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity:         0.79 W/m.K [λ <sub>10,dry</sub> ]           Dimensional stability / Moisture Movement:         NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and generation	

See Also Declaration of Performance DOP/HANUK/BR/6777773

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Road, Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6074582 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
COUNTY RED DRAGF	ACED SOLID		
06		COUNTY RED DRAGF	ACED SOLID
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: N	WILNECOTE
		06	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:			
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %	Regulation	I. EU NU 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm² [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:	S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	2300 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	2300 kg/m <sup>3</sup> (D1)
Configuration:	Solid	Configuration: Solid	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6074582

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOF The undersig Har Meashar	P/HANUK/BR/	ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
TAME VALLEY BUFF DR	AGFACED 73MM			
11		TAME VALL	EY BUFF DR	AGFACED 73MM
Category II, HD, 215 x 102.5 x 75	mm clay maconry units	Manufac	cturing Plant: V	VILNECOTE
Galegory II, HD, 213 x 102.3 x 73			11	
Dimensional tolerances:				
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 75mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ce category:	Т2
Active soluble salt content:	S2	Rang	ge category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		50 N/mm² [⊥ bed face] 10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2	2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174 value):		50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	oss density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids	Co	onfiguration:	Vertically Perforated 20-25% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movemen	nt:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS E		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified a accordance with the manufacturer's instruction		formity with the declared values, when installed i al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6077514

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of P DOP/HANUK/BR/ The undersigned, represer Hanson Building Measham Works, Athe Measham Works, DE1	<b>6075718</b> ating the following: Products erstone Road,	
BS EN 771-1:	2011		Confirms th	at <sup>.</sup>	
BRINDLEY B	UFF				
06			BRINDLEY B	UFF	
			Manufacturing Plant: N	WILNECOTE	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		06		
Dimensional tolerances:					
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	10 %		Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2		Dimensional tolerances:		
Active soluble salt content:	S2		Tolerance category: Range category:	T2 R1	
			Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	
Reaction to fire:	Class A1		Water absorption: Durability against freeze-thaw:	10 % F2	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Active soluble salt content:	S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table	50/100	
Gross density:	1700 kg/m³ (D1)		value): Direct airborne sound insulation:		
Configuration:	Vertically Perforated 23-28% Voids		Gross density: Configuration:	1700 kg/m <sup>3</sup> (D1) Vertically Perforated 23-28% Voids	
Equivalent thermal conductivity:			Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	
Dimensional stability:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD		Dimensional stability / Moisture Movement: Dangerous Substances:	NPD See Note	
Dimensional stability: Dangerous Substances:	See Note		Note: Information on Dangerous substances will only l	be given when and where required in the	
Dangerous Substances:			appropriate form. See Annex ZA3 of BS EN 771-1:2011		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		J	The performance of the product identified above is in co accordance with the manufacturer's instructions and gener	al purpose or lightweight mortars.	

Other Information: Dry weight per brick: 2.4 kg Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6075718

Signed on behalf of the manufacturer:

as la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		The undersigned, Hanson Measham Wo Meash	NUK/BR represei Building	/6077118 nting the following: Products erstone Road, 12 7EL
SMOOTH B	JFF	SW	оотн в	liee
13		-		-
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturin	g Plant:	WILNECOTE
Dimensional tolerances:			13	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		n Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		5mm, clay masonry units
Compressive strength:	50 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	10 %	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance ca	togory	T2
Active soluble salt content:	S2	Range ca		R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		50 N/mm² [⊥ bed face] 10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 ta value):	ble	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross of	lensity <sup>.</sup>	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Equivalent thermal conductivity:		Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:		0.76 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 77		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions a		nformity with the declared values, when installed ir ral purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6077118

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Road, Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6077217 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
TAME VALLEY BUFF	DRAGFACED			
10		TAME VALLEY	BUFF DRAGFACED	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing	Plant: WILNECOTE	
Dimensional tolerances:		10		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	10 %	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances:		
Active soluble salt content:	S2	Tolerance cate Range cate		
		Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	10 % F2	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content: Reaction to fire:	S2 Class A1	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross der	<b>sity:</b> 1700 ka/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 23-28% Voids	Configura	tion: Vertically Perforated 23-28% Voids	
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-7		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed i general purpose or lightweight mortars.	

See Also Declaration of Performance DOP/HANUK/BR/6077217

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6077118 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6077118 ting the following: Products rstone Road, 2 7EL
			Confirms the	at:
TAME VALLEY SMC	DOTH BUFF			
10		TAME	E VALLEY SMO	OOTH BUFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	acturing Plant: V	VILNECOTE
Dimensional tolerances:		10		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		rtogulation	
Durability against freeze-thaw:	F2	Dimensional tolerances:	nce category:	Τ2
Active soluble salt content:	S2		nge category:	R1 50 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 17 value):	745 table	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids		configuration:	Vertically Perforated 23-28% Voids 0.76 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Moveme	ent:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substar appropriate form. See Annex ZA3 of BS I		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instruct	tions and generations	nformity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6077118

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		<b>DOP/HANUI</b> The undersigned, rep Hanson Buil Measham Works	Performance K/BR/6078610 resenting the following: ding Products Atherstone Road, , DE12 7EL	
BS EN 771-1:	2011	Confir	ms that:	
DOVEDALE GREY DRA	GFACED 73MM			
13		DOVEDALE GREY	DRAGFACED 73MM	
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing P	ant: WILNECOTE	
Dimensional tolerances:		13		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		
Compressive strength:	50 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	10 %	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances:		
Active soluble salt content:	S2	Tolerance categ Range categ		
Reaction to fire:	Class A1	Compressive strength: Water absorption:	50 N/mm <sup>2</sup> [⊥ bed face] 10 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F2	
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:	S2 Class A1	
value):	50/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		value):	50/100	
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross dens	<b>ity:</b> 1800 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 23-28% Voids	Configurat Equivalent thermal conductivity:	on: Vertically Perforated 23-28% Voids 0.76 W/m.K [λ <sub>10.drv</sub> ]	
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1:		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed in general purpose or lightweight mortars.	

See Also Declaration of Performance DOP/HANUK/BR/6078610

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/HANG The undersigned, re Hanson Bu Measham Work	of Performance DK/BR/6078719 presenting the following: wilding Products s, Atherstone Road, n, DE12 7EL	
BS EN 771-1:	2011	Conf	irms that:	
MILLDALE GREY MULTI D	RAGFACED 73MM			
13		MILLDALE GREY MU	JLTI DRAGFACED 73MM	
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing	Plant: WILNECOTE	
Dimensional tolerances:		13		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %			
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cate	gory: T2	
Active soluble salt content:	S2	Compressive strength:		
Reaction to fire:	Class A1	Water absorption:	10 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	e 50/100	
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross dei	nsity: 1800 ka/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 23-28% Voids	Configura Equivalent thermal conductivity:		
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances wil appropriate form. See Annex ZA3 of BS EN 771-		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	s in conformity with the declared values, when installed in general purpose or lightweight mortars.	

See Also Declaration of Performance DOP/HANUK/BR/6078719

Signed on behalf of the

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DO The undersi Ha Measha	P/HANUK/BR/	ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
TAME VALLEY SMOOT	H BUFF 73MM			
15		TAME VA	ALLEY SMOOT	H BUFF 73MM
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufa	acturing Plant: <b>V</b>	VILNECOTE
<b>-</b>		15		
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Tolerance category:	T2			
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		regulation	. 20110 300/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	nce category:	Τ2
Active soluble salt content:	S2	Ran	ige category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		50 N/mm² [⊥ bed face] 10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:		Class A1
value):	50/100	Bond strength (Fixed value from EN 998- Water vapour diffusion coefficient (EN 17		0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):		50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gr	ross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids		onfiguration:	Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement	ent:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS E		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified a accordance with the manufacturer's instruction		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6077415

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 BRINDLEY BUFF 73mm			Declaration of Performance DOP/HANUK/BR/6075725 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
15	- / 3mm		BRINDLEY BUF	F 73mm	
			Manufacturing Plant:		
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units		, i i i i i i i i i i i i i i i i i i i		
Dimensional tolerances:			15		
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1		Category II, HD, 215 x 102.5 x 73mm, clay masonry units		
Compressive strength:	50 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	10 %		Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance category:	T0	
Active soluble salt content:	S2		Range category:	T2 R1	
Reaction to fire:	Class A1		Compressive strength: Water absorption:	50 N/mm <sup>2</sup> [⊥ bed face] 10 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1800 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	1800 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 23-28% Voids		Gross density: Configuration:	Vertically Perforated 23-28% Voids	
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD		Dangerous Substances:	See Note	
Dangerous Substances:	See Note	[	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is in co accordance with the manufacturer's instructions and generation		

See Also Declaration of Performance DOP/HANUK/BR/6075725

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6077811 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
SMOOTH BUFF	· 7 3WIM	SMOOTH BUF	- 73MM	
13		Monufacturing Diants		
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant:	WILNEGUIE	
Dimensional tolerances:		13		
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		
0,0,7				
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %	Dimensional tolerances:		
Durability against freeze-thaw:	F2	Tolerance category:	Τ2	
Active soluble salt content:	S2	Range category: Compressive strength:	R1 50 N/mm² [⊥ bed face]	
Reaction to fire:	Class A1	Water absorption:	10 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:	Class A1	
value):	00,100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:	2	value): Direct airborne sound insulation:	50/100	
Gross density:	1800 kg/m <sup>3</sup> (D1)	Gross density:	1800 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 23-28% Voids	Configuration: Equivalent thermal conductivity:	Vertically Perforated 23-28% Voids 0.76 W/m.K [ $\lambda_{10, drv}$ ]	
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene		

See Also Declaration of Performance DOP/HANUK/BR/6077811

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6078917 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6078917 hting the following: Products erstone Road, 2 7EL
BLENDED BRI	CKS 1			CKS 1
13				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ma	anufacturing Plant: N	WILNECOTE
Dimensional tolerances:			13	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		Regulation	. EU NU 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	erance category:	Т2
Active soluble salt content:	S2		Range category:	R1 50 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		10 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN	998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):	N 1745 table	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 20-28% Voids 0.76 W/m.K [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Move	ement:	0.76 W/III.K [A <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous sub appropriate form. See Annex ZA3 of	stances will only b BS EN 771-1:2011	be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identif accordance with the manufacturer's inst		nformity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6078917

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6079013 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6079013 ting the following: Products rstone Road, 2 7EL
BLENDED BRI	CKS 2		BLENDED BRI	CKS 2
13				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manu	ufacturing Plant: V	VILNECOTE
Dimensional tolerances:		13		
		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Tolerance category:				
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, day masonry units
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		Regulation	. 20 110 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ance category:	Т2
Active soluble salt content:	S2	Ra	ange category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		50 N/mm² [⊥ bed face] 10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:		F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:		S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 99		0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1/45 table	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1700 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids		Configuration:	Vertically Perforated 20-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movem	nent:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instru		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6079013

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6079112 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6079112 ting the following: Products rstone Road, 2 7EL
BLENDED BRI	CKS 3			
13		BL		CKS 3
		Manufact	turing Plant: V	VILNECOTE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		13	
Dimensional tolerances:				
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	e category:	Т2
Active soluble salt content:	S2		e category:	R1 50 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2)		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174) value):	l5 table	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ss density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids	Con	ofiguration:	Vertically Perforated 20-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement	t:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified ab accordance with the manufacturer's instruction		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6079112

le la la there Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6079211 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6079211 ting the following: Products rstone Road, 2 7EL
BLENDED BRI	CK5 4		BLENDED BRI	CKS 4
13				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manuf	facturing Plant: V	VILNECOTE
Dimensional tolerances:			13	
	<b>T</b> 0	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Tolerance category:		Cotogony III LID, 245 y 402 5 y 65mm, alou maganny units		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		regulation	. 20 110 300/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ince category:	Т2
Active soluble salt content:	S2	Rai	inge category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		50 N/mm² [⊥ bed face] 10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:		F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:		S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998		0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1 value):	1743 TADIE	50/100
Gross density:	1700 kg/m³ (D1)	Direct airborne sound insulation:	Gross density:	1700 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids	C	Configuration:	Vertically Perforated 20-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Moveme	ient:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instruction		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6079211

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6079310 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6079310 ting the following: Products rstone Road, 2 7EL
			Confirms the	at:
BLENDED BRI	CKS 5			
13		B	DLENDED BRI	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufac	cturing Plant: V	VILNECOTE
Dimensional tolerances:			13	
	_	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Tolerance category:	T2			
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ce category:	Т2
Active soluble salt content:	S2	Rang	ge category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		50 N/mm <sup>2</sup> [⊥ bed face] 10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:		F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:		S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2 Water vapour diffusion coefficient (EN 174		0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	+J LADIE	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	oss density:	1700 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids	Co	onfiguration:	Vertically Perforated 20-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movemen	nt:	0.76 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS E		
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified a accordance with the manufacturer's instruction		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6079310

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6079419 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6079419 ting the following: Products rstone Road, 2 7EL
BLENDED BRI	CKS 6		BLENDED BRI	CK2.6
13				
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manu	ufacturing Plant: V	VILNECOTE
Dimensional tolerances:			13	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	10 %		Regulation	:: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ance category:	Т2
Active soluble salt content:	S2		ange category:	R1 50 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids		Configuration:	Vertically Perforated 20-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movem	nent:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instru		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6079419

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6079518 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6079518 ting the following: Products rstone Road, 2 7EL
BLENDED BRI	CKS 7			
13		BL		CKS 7
		Manufact	turing Plant: V	VILNECOTE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		0	
Dimensional tolerances:			13	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		Regulation	: EU NO 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	e category:	Т2
Active soluble salt content:	S2		e category: e category:	R1 50 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2)	):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 174) value):	l5 table	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ss density:	1700 ka/m³ (D1)
Configuration:	Vertically Perforated 20-28% Voids	Con	ofiguration:	Vertically Perforated 20-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement	t:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified ab accordance with the manufacturer's instruction		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6079518

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6079617 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6079617 ting the following: Products rstone Road, 2 7EL
BLENDED BRI		BL		CKS 8
13				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufact	turing Plant: <b>V</b>	VILNECOTE
Dimensional tolerances:			13	
	_	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Tolerance category:	T2			
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	e category:	Т2
Active soluble salt content:	S2	Range	e category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		50 N/mm² [⊥ bed face] 10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:		Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2) Water vapour diffusion coefficient (EN 174		0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):		50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gros	ss density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids		figuration:	Vertically Perforated 20-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement	t:	0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified ab accordance with the manufacturer's instruction		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6079617

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6079716 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6079716 ting the following: Products rstone Road, 2 7EL
BLENDED BRI			Confirms the	at:
	CK3 9	BLE		CK 5 0
13				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactu	uring Plant: <b>V</b>	VILNECOTE
Dimensional tolerances:			13	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
•••		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm. clav masonry units
Range category:	R1			
Compressive strength:	50 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		0	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance	category:	Т2
Active soluble salt content:	S2	Range	category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		50 N/mm <sup>2</sup> [⊥ bed face] 10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire:		Class A1
value):	30/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745		0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):		50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross	s density:	1700 kg/m³ (D1)
Configuration:	Vertically Perforated 20-28% Voids	Confi	iguration:	Vertically Perforated 20-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:		0.76 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 2		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified abo accordance with the manufacturer's instructions		formity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6079716

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6075411 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6075411 ting the following: Products rrstone Road,
BS EN 771-1:	2011		Confirms the	at:
DOVEDALE GREY D	RAGFACED			
07		DOVEDA	LE GREY D	RAGFACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactu	uring Plant: V	VILNECOTE
Dimensional tolerances:			07	
Tolerance category:	Т2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	50 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	10 %		rtogulation	
Durability against freeze-thaw:	F2	Dimensional tolerances:	e category:	Т2
Active soluble salt content:	S2		e category:	R1 50 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		10 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 value):	5 table	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ss density:	1700 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids		figuration:	Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity:         0.76 W/m.K [λ <sub>10,dry</sub> ]           Dimensional stability / Moisture Movement:         NPD		
Dimensional stability:	NPD	Dangerous Substances: See Note		
Dangerous Substances:	See Note	Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified ab accordance with the manufacturer's instruction		nformity with the declared values, when installed ir al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6075411

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



## **Declaration of Performance** DOP/HANUK/BR/6073714 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: MILLDALE GREY MULTI DRAGFACED MILLDALE GREY MULTI DRAGFACED 07 Manufacturing Plant: WILNECOTE Category II, HD, 215 x 102.5 x 65mm, clay masonry units 07 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II. HD. 215 x 102.5 x 65mm. clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 50 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 10 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 50 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 10 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1700 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1700 kg/m<sup>3</sup> (D1) Vertically Perforated 23-28% Voids Configuration: Configuration: Vertically Perforated 23-28% Voids Equivalent thermal conductivity: 0.76 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.76 W/m.K [λ<sub>10.drv</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in appropriate form. See Annex ZA3 of BS EN 771-1:2011.

Other Information: Dry weight per brick: 2.4 kg Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6073714

No la lathere Full name: Carl Cuthbert

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



## **Declaration of Performance** DOP/HANUK/BR/6073912 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Hanson Building Products Measham, DE12 7EL Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 Confirms that: MOSEDALE BUFF MULTI DRAGFACED MOSEDALE BUFF MULTI DRAGFACED 07 Manufacturing Plant: WILNECOTE Category II, HD, 215 x 102.5 x 65mm, clay masonry units 07 Dimensional tolerances: Conforms to the Harmonised European Standard: BS EN 771-1:2011 Tolerance category: T2 Category II, HD, 215 x 102.5 x 65mm, clay masonry units Range category: R1 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Compressive strength: 50 N/mm<sup>2</sup> [⊥ bed face] Regulation: EU No 305/2011 Water absorption: 10 % Dimensional tolerances: Durability against freeze-thaw: F2 Tolerance category: T2 Range category: R1 Active soluble salt content: S2 50 N/mm<sup>2</sup> [1 bed face] Compressive strength: Reaction to fire: Class A1 Water absorption: 10 % Durability against freeze-thaw: F2 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Active soluble salt content: S2 Reaction to fire: Class A1 Water vapour diffusion coefficient (EN 1745 table 50/100 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> value): Water vapour diffusion coefficient (EN 1745 table 50/100 Direct airborne sound insulation: value): Direct airborne sound insulation: 1700 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1700 kg/m<sup>3</sup> (D1) Vertically Perforated 23-28% Voids Configuration: Configuration: Vertically Perforated 23-28% Voids Equivalent thermal conductivity: 0.76 W/m.K [λ<sub>10,dry</sub>] Equivalent thermal conductivity: 0.76 W/m.K [λ<sub>10.drv</sub>] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Dimensional stability: NPD Note: Information on Dangerous substances will only be given when and where required in the See Note Dangerous Substances: appropriate form. See Annex ZA3 of BS EN 771-1:2011. Note: Information on Dangerous substances will only be given when and where required in the The performance of the product identified above is in conformity with the declared values, when installed in

appropriate form. See Annex ZA3 of BS EN 771-1:2011.

Other Information: Dry weight per brick: 2.4 kg Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6073912

Signed on behalf of the manufacturer:

No la lathere

accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of P DOP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Athe	/6076319 nting the following: Products
		-	Measham Wolks, Auk Measham, DE1	
BS EN 771-1:	2011		Confirms th	at:
YELLOW ANTIQU	IE MULTI			
06			YELLOW ANTIQU	JE MULTI
			Manufacturing Plant:	WILNECOTE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		06	
Dimensional tolerances:				
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	50 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	10 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2		Dimensional tolerances:	
			Tolerance category: Range category:	T2 R1
Active soluble salt content:	S2		Compressive strength:	50 N/mm² [⊥ bed face]
Reaction to fire:	Class A1		Water absorption: Durability against freeze-thaw:	10 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table	50/100		Reaction to fire:	Class A1
value):	00,100		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			value):	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids		Configuration:	Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,drv</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.76 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		]	The performance of the product identified above is in co accordance with the manufacturer's instructions and gener	ral purpose or lightweight mortars.

appropriate form. See Annex ZA3 of BS EN 771-1:2011. Other Information: Dry weight per brick: 2.4 kg

Bricks per pack: 504

See Also Declaration of Performance DOP/HANUK/BR/6076319

Signed on behalf of the manufacturer:

as la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6077712 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms the	nat:
TAME VALLEY SMOOT	H BUFF SOLID		
10		TAME VALLEY SMOOT	TH BUFF SOLID
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	WILNECOTE
Dimensional tolerances:		10	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	50 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	10 %		n: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	50 N/mm <sup>2</sup> [⊥ bed face] 10 %
		Durability against freeze-thaw:	F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	2171 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	2171 ka/m <sup>3</sup> (D1)
Configuration:	SOLID	Configuration:	SOLID
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.76 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6077712

Signed on behalf of the manufacturer:

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6074230 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6074230 ting the following: Products irstone Road, 2 7EL
BLUE SMOOTH 230	x110x75mm			
06		В	LUE SMOOTH 230	x110x75mm
Category II, HD, 230 x 110 x 75r	nm, clay masonry units	Ma	anufacturing Plant: V	VILNECOTE
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 230 x 110 x 75mm, clay masonry units		nm. clav masonrv units
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %	Dimensional tolerances:		
Durability against freeze-thaw:	F2	Tol	lerance category:	T2
Active soluble salt content:	S2	Compressive strength:	Range category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	50/100	Reaction to fire: Bond strength (Fixed value from EN	998-2)-	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:		Water vapour diffusion coefficient (E value):		50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 17-22% Voids	Environment the survey of a surdice of the	Configuration:	Vertically Perforated 17-22% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Mov	vement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous sub appropriate form. See Annex ZA3 of	bstances will only to BS EN 771-1:2011.	be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identi accordance with the manufacturer's ins		nformity with the declared values, when installed i al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6074230

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6074247 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
		Confirms	that:
BLUE SMOOTH 230	x110x80mm		
06		BLUE SMOOTH 23	0x110x80mm
Category II, HD, 230 x 110 x 80r	nm, clay masonry units	Manufacturing Plant	WILNECOTE
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 230 x 110 x 80mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %	i vegulari	511. EO 100 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	: T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	: 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 17-22% Voids	Equivalent thermal conductivity:	Vertically Perforated 17-22% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in or accordance with the manufacturer's instructions and gen	

See Also Declaration of Performance DOP/HANUK/BR/6074247

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6073639 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
RED SMOOTH 230x	110x75mm		OTH 230x110x75mm
06			
Category II, HD, 230 x 110 x 75r	nm, clay masonry units	Manufacturing	ng Plant: WILNECOTE
Dimensional tolerances:			06
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 230 x 110 x 75mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	R	Regulation: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cat	ategory: T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 tal value):	able 50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross d	<b>density:</b> 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 17-22% Voids	Configu Equivalent thermal conductivity:	uration: Vertically Perforated 17-22% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 771	will only be given when and where required in the 71-1:2011.
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above accordance with the manufacturer's instructions at	e is in conformity with the declared values, when insta and general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6073639

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6073646 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms	that:
RED SMOOTH 230x	110x80mm		
06		RED SMOOTH 230	0x110x80mm
Category II, HD, 230 x 110 x 80r	nm, clay masonry units	Manufacturing Plant	WILNECOTE
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 230 x 110 x 80mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %	regulari	51. EO NO 500/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 17-22% Voids	Configuration	Vertically Perforated 17-22% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in c accordance with the manufacturer's instructions and gen	

See Also Declaration of Performance DOP/HANUK/BR/6073646

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6200318 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6200318 ting the following: Products rstone Road, 2 7EL
BLUE SMOO	отн		Commis un	aı.
			BLUE SMOO	ЭТН
06				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufac	cturing Plant: CR	
Dimensional tolerances:			06	
Tolerance category:	To	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
				mm clay masonry units
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		rtogulation	. 20110 000/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ance category:	Τ2
Active soluble salt content:	S2	Ra	ange category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		75 N/mm² [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:		F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:		S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998		0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN <sup>2</sup> value):	1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Creas density	$4000 h = (m^3 (D4))$
Configuration:	Vertically Perforated 18-28% Voids	(	Gross density: Configuration:	1800 kg/m <sup>3</sup> (D1) Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movem	nent:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	ion.	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			d above is in cor	nformity with the declared values, when installed

See Also Declaration of Performance DOP/HANUK/BR/6200318

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6200516 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6200516 ting the following: Products rstone Road, 2 7EL
BROWN SMC	отн			
06			BROWN SMO	отн
Category II, HD, 215 x 102.5 x 65	mm. clav masonrv units	Manufac	cturing Plant: CR	ADLEY BRICK
			06	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Tolerance category:	T2			
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolera	ance category:	Т2
Active soluble salt content:	S2		ange category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	(	Configuration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movem	nent:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instruct		nformity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6200516

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/BR/6200417 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011		Confirms	that:	
BROWN SMOOT	H 80mm				
07			BROWN SMOO	DTH 80mm	
Category II, HD, 215 x 102.5 x 80	mm, clay masonry units		Manufacturing Plant: C	CRADLEY BRICK	
Dimensional tolerances:			07		
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:	R1		Category II, HD, 215 x 102.5 x 80mm, clay masonry units		
Compressive strength:	75 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
Water absorption:	7 %		Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2		Dimensional tolerances:	- T0	
Active soluble salt content:	S2		Tolerance category Range category		
Reaction to fire:	Class A1		Compressive strength: Water absorption:	7 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F2 S2	
Water vapour diffusion coefficient (EN 1745 table value):	50/100		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	50/100	
Gross density:	1800 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density	: 1800 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 18-28% Voids		Configuration	: Vertically Perforated 18-28% Voids	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD	
Dimensional stability:	NPD		Dangerous Substances: See Note		
Dangerous Substances:	See Note		Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		J	The performance of the product identified above is in a accordance with the manufacturer's instructions and ger		

See Also Declaration of Performance DOP/HANUK/BR/6200417

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6200110 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6200110 ting the following: Products rstone Road, 2 7EL
BLUE SMOOTH	73mm			
06			BLUE SMOOTH	73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufa	cturing Plant: CR	ADLEY BRICK
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmo	ionised European	Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ance category:	Т2
Active soluble salt content:	S2		ange category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	1745 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1800 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids		Configuration:	Vertically Perforated 18-28% Voids 0.79 W/m.K [ $\lambda_{10,dry}$ ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movem	nent:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		e given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified accordance with the manufacturer's instru		formity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6200110

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6200219 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
BLUE SMOOTH	l 80mm		
07		BLUE SMOO	ΓΗ 80mm
Category II, HD, 215 x 102.5 x 80	mm, clay masonry units	Manufacturing Plant: 0	CRADLEY BRICK
Dimensional tolerances:		07	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 80mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7%	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	: T2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	: 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configuration Equivalent thermal conductivity:	: Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6200219

Signed on behalf of the

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6201117 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6201117 ting the following: Products rstone Road, 2 7EL
RED SMOO	тн			
06			RED SMOO	тн
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactu	uring Plant: CR	ADLEY BRICK
Dimensional tolerances:			06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		rtogulation	. 20110 000/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Toleran	nce category:	Т2
Active soluble salt content:	S2		ige category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:		7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 17 value):	(45 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ross density:	1800 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids		onfiguration:	Vertically Perforated 18-28% Voids 0.79 W/m.K [ $\lambda_{10,dry}$ ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movemen	ent:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS E		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified a accordance with the manufacturer's instructi		nformity with the declared values, when installed in al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6201117

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6200912 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
RED SMOOTH	73mm	RED SMOOTH	73mm
06			
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant: CR	ADLEY BRICK
Dimensional tolerances:		06	
	<b>T</b> 0	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:		Catagony II, HD, 215 y 102 5 y 73	
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	7 %		1. 20110 000/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm² [⊥ bed face] 7 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F2
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:	S2 Class A1
value):	50/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configuration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and generations and generations and generations and generations and generations and generations according to the second s	

See Also Declaration of Performance DOP/HANUK/BR/6200912

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6201018 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
RED SMOOTH	80mm		
07		RED SMO	OTH 80mm
Category II, HD, 215 x 102.5 x 80	mm, clay masonry units	Manufacturing Plan	t: CRADLEY BRICK
Dimensional tolerances:		(	7
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 80mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance catego Range catego	
		Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross dens	ity: 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configurati	on: Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will o appropriate form. See Annex ZA3 of BS EN 771-1:	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and g	n conformity with the declared values, when installed i general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6201018

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6200813 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirm	s that:
BUFF SMOO	отн		
06		BUFF SM	юотн
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	CRADLEY BRICK
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised Europ	ean Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
		Dimensional tolerances:	
Durability against freeze-thaw:	F2	Tolerance catego Range catego	
Active soluble salt content:	S2	Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 18-28% Voids	Gross densit Configuratio	n: Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will or appropriate form. See Annex ZA3 of BS EN 771-1:2	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge	

See Also Declaration of Performance DOP/HANUK/BR/6200813

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6200615 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6200615 ting the following: Products rstone Road, 2 7EL
BUFF SMOOTH	73mm			
07		В	BUFF SMOOTH	73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufact	turing Plant: CR	ADLEY BRICK
Dimensional tolerances:			07	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units		mm, clay masonry units
Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	7 %		rtogulation	. 20 110 000/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Toleran	nce category:	Т2
Active soluble salt content:	S2		nge category:	R1 75 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:		7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 17 value):	/45 table	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids		configuration:	Vertically Perforated 18-28% Voids 0.79 W/m.K [ $\lambda_{10,dry}$ ]
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Moveme	ent:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS I		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified accordance with the manufacturer's instruct		formity with the declared values, when installed i al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6200615

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/HANU The undersigned, re Hanson Bu Measham Work	f Performance K/BR/6200714 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL
BS EN 771-1:	2011	Confi	rms that:
BUFF SMOOTH	80mm		
07		BUFF SM	OOTH 80mm
Category II, HD, 215 x 102.5 x 80	mm, clay masonry units	Manufacturing Pla	nt: CRADLEY BRICK
Dimensional tolerances:			07
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 80mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
	7 %	Regulation: EU No 305/2011	
Water absorption:		Dimensional tolerances:	
Durability against freeze-thaw:	F2	Tolerance cate Range cate	
Active soluble salt content:	S2	Compressive strength:	75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	7 % F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	
Gross density:	1800 kg/m³ (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 18-28% Voids	Gross der Configura	
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1	only be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6200714

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 BRINDLE SMOOTH		DOP/HANU The undersigned, rej Hanson Bu Measham Work Measham	f Performance K/BR/611119 presenting the following: Iding Products a, Atherstone Road, h, DE12 7EL ms that:
		BRINDL	E SMOOTH
		Manufacturing Pla	nt: CRADLEY BRICK
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	с С	
Dimensional tolerances:			06
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categ	
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	7%
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross den	<b>sity:</b> 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Configura	tion: Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed i general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6111119

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of F DOP/HANUK/BF The undersigned, represe Hanson Building Measham Works, Ath Measham, DE Confirms t	2 <b>/6111119</b> nting the following: Products erstone Road, 12 7EL
SMOOTH COUN	TY RED		
07		SMOOTH COU	ITY RED
		Manufacturing Plant: CI	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		
Dimensional tolerances:		07	
Tolerance category:	T2	Conforms to the Harmonised Europea	n Standard: <b>BS EN 771-1:2011</b>
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	75 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	7%	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
Reaction to fire:		Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 7 %
	Class A1	Durability against freeze-thaw:	F2
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content: Reaction to fire:	S2 Class A1
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 23-28% Voids	Gross density: Configuration:	1800 kg/m <sup>3</sup> (D1) Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.79 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6111119

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of DOP/HANUK/ The undersigned, repre Hanson Buildi Measham Works, A Measham, D	<b>BR/6084017</b> senting the following: ng Products therstone Road, DE12 7EL
		Confirm	s that:
COMMONS 7	3mm		
06		COMMON	S 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plan	It: KINGS DYKE
Dimensional tolerances:		06	
Tolerance category:	Τ1	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	Regulation. Lo No 303/2011	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance categor	<b>v</b> : T1
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	23 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1450 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density: 1450 kg/m <sup>3</sup> (D1)	
Configuration:	Frogged 13-18% Voids	Configuration: Frogged 13-18% Voids	
Equivalent thermal conductivity:	0.53 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.53 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge	

See Also Declaration of Performance DOP/HANUK/BR/6084017

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		The undersigned, repr Hanson Build Measham Works,	/BR/6081924
BS EN 771-1	2011	Confirm	ns that:
HEATHER 7	3mm		
06		HEATHE	R 73mm
Category II, HD, 215 x 102.5 x 73	mm clav masonry units	Manufacturing Pla	ant: KINGS DYKE
	,,,	a	6
Dimensional tolerances:			
Tolerance category:	T1	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	23 %	Kegu	ation: EU No 305/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance catego	mu T4
Active soluble salt content:	S2	Range catego	ry: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	25 N/mm <sup>2</sup> [⊥ bed face] 23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F1
Nater vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:	S2 Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1450 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross dens	ity: 1450 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 13-18% Voids	Configurati	on: Frogged 13-18% Voids
Equivalent thermal conductivity:	0.53 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.53 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will o appropriate form. See Annex ZA3 of BS EN 771-1::	
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is i accordance with the manufacturer's instructions and g	n conformity with the declared values, when installe

See Also Declaration of Performance DOP/HANUK/BR/6081924

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6085229 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms t	hat:
RUSTIC ANTIQU	E 73mm		
06		RUSTIC ANTIQU	JE 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant:	KINGS DYKE
Dimensional tolerances:		06	
Tolerance category:	Т1	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	25 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	Regulatio	1. 20 10 303/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	T1
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1450 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1450 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 13-18% Voids	Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.53 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6085229

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

As la latheres



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6082921 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
RUSTIC 73	nm		
06		RUSTIC 73	mm
		Manufacturing Plant:	KINGS DYKE
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	, i i i i i i i i i i i i i i i i i i i	
Dimensional tolerances:		06	
Tolerance category:	Τ1	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	23 %	Regulation: EU No 305/2011	
·		Dimensional tolerances:	
Durability against freeze-thaw:	F1	Tolerance category:	T1
Active soluble salt content:	S2	Range category: Compressive strength:	R1 25 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	23 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1
value): Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm² 5/10
	2	value): Direct airborne sound insulation:	5/10
Gross density:	1450 kg/m <sup>3</sup> (D1)	Gross density:	1450 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 13-18% Voids	Configuration: Equivalent thermal conductivity:	Frogged 13-18% Voids
Equivalent thermal conductivity:	0.53 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.53 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6082921

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		<b>Declaration of</b> DOP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, Ar Measham, D	<b>R/6082327</b> enting the following: g Products herstone Road,
BS EN 771-1:	2011	Confirms	that:
TUDOR 73r	nm		
06		TUDOR 7	3mm
00		Manufacturing Plant	
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant	RINGS DTRE
Dimensional tolerances:		06	
Tolerance category:	<b>T</b> 1	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
		Category II, HD, 215 x 102.5 x 73mm, clay masonry units	
Range category:	R1		
Compressive strength:	25 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	Regulati	01. 20 10 303/2011
Durability against freeze-thaw:	F1	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance category Range category	: R1
		Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	23 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1450 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	$1450 \text{ kg/m}^3$ (D1)
Configuration:	Frogged 13-18% Voids	Gross density: 1450 kg/m <sup>3</sup> (D1) Configuration: Frogged 13-18% Voids	
Equivalent thermal conductivity:	0.53 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.53 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6082327

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1 Confirms th	6081412 ting the following: Products rstone Road, 2 7EL
BRECKEN G	REI		BRECKEN G	REY
06				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant: K	KINGS DYKE
Dimensional tolerances:			06	
	_		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2			
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %			
Durability against freeze-thaw:	F1	Din	mensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Cor	Range category:	R1 25 N/mm <sup>2</sup> [ $\perp$ bed face]
Reaction to fire:	Class A1	Wa	ater absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		rrability against freeze-thaw: tive soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Bor	action to fire: and strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			ater vapour diffusion coefficient (EN 1745 table lue):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		rect airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Fai	Configuration: Frogged 15-20% Voids	
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Din	Equivalent thermal conductivity:     0.51 W/m.K [λ <sub>10,dry</sub> ]       Dimensional stability / Moisture Movement:     NPD	
Dimensional stability:	NPD		ngerous Substances:	See Note
Dangerous Substances:	See Note		ete: Information on Dangerous substances will only b propriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			e performance of the product identified above is in cor cordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6081412

as la lathlet

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of DOP/HANUK/BI DOP/HANUK/BI The undersigned, represe Hanson Building Measham Works, Att Measham, DE Confirms f	R/6082815 enting the following: I Products nerstone Road, 112 7EL
BRINDLE	E		
06		BRINDL	E
Category II, HD, 215 x 102.5 x 65	mm. clav masonry units	Manufacturing Plant:	KINGS DYKE
		06	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	Regulatio	JI. EU NU 303/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	25 N/mm² [⊥ bed face] 23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire:	Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration: Frogged 15-20% Voids	
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in c accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6082815

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of DOP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, Ar Measham, D	R/6081818 enting the following: g Products herstone Road,
BS EN 771-1:	2011	Confirms	that:
CHILTERI	Ν		
06		CHILTE	RN
		Manufacturing Plant	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	, i i i i i i i i i i i i i i i i i i i	
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
		Regulation: EU No 305/2011	
Water absorption:	23 %	Dimensional tolerances:	
Durability against freeze-thaw:	F1	Tolerance category	
Active soluble salt content:	S2	Range category Compressive strength:	: R1 25 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire:	Class A1
value):	3/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	: 1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration	: Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6081818

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Atho Measham, DE Confirms th	<b>/6081214</b> nting the following: Products erstone Road, 2 7EL
CLAYDON RED	мшт		a.
		CLAYDON RED	MULTI
06			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: I	
Dimensional tolerances:		06	
		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [ $\perp$ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	·····g-·····	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	12 R1 25 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	Sz Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration:	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and generation	

See Also Declaration of Performance DOP/HANUK/BR/6081214

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6083218 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
COMMON	15	COMMON	6
06		COMMON	3
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturing Plant: K	KINGS DYKE
		06	
Dimensional tolerances:		Conformate the Llarmaniand European Standards BC EN 771 4-2044	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	C C	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2	Compressive strength:	R1 25 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration:	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity:         0.51 W/m.K [λ <sub>10,dry</sub> ]           Dimensional stability / Moisture Movement:         NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in cor accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6083218

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of DOP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, A Measham, D	<b>R/6082716</b> enting the following: g Products herstone Road,
BS EN 771-1:	2011		Confirms	that:
COTSWOL	D			
06			COTSW	DLD
			Manufacturing Plant	KINGS DYKE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		06	
Dimensional tolerances:			06	
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %		Regulati	
Durability against freeze-thaw:	F1		Dimensional tolerances: Tolerance category	: T2
Active soluble salt content:	S2		Range category	
Reaction to fire:	Class A1		Compressive strength: Water absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density	: 1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids		Configuration	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6082716

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			DOP/H/ The undersigned Hansor Measham W	ANUK/BR/ d, represer n Building I	nting the following: Products erstone Road,
BS EN 771-1:			C	Confirms th	at:
DAPPLE LIC	<b>GHT</b>				
06			DA	APPLE LIG	SHT
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturi	ing Plant: <b>F</b>	KINGS DYKE
Dimensional tolerances:			06		
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm, clay masonry units
Compressive strength:	25 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011		
Water absorption:	23 %			rtogulation	
Durability against freeze-thaw:	F1	Diı	imensional tolerances: Tolerance c	ategory.	T2
Active soluble salt content:	S2	Co		category:	R1 25 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Wa	ater absorption:		23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		urability against freeze-thaw: ctive soluble salt content:		F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Вс	eaction to fire: ond strength (Fixed value from EN 998-2):		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			ater vapour diffusion coefficient (EN 1745 t alue):	table	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		rect airborne sound insulation:	density:	1360 ka/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids			guration:	Frogged 15-20% Voids 0.51 W/m.K [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Di	mensional stability / Moisture Movement:		NPD
Dimensional stability:	NPD		angerous Substances:		See Note
Dangerous Substances:	See Note		ote: Information on Dangerous substances opropriate form. See Annex ZA3 of BS EN 7		
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20			ne performance of the product identified abov cordance with the manufacturer's instructions		nformity with the declared values, when installed i al purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6082617

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represer Hanson Building I Measham Works, Athe Measham, DE1 Confirms th	/6082211 hting the following: Products erstone Road, 2 7EL
GEORGIA	N		
06		GEORGIA	N
		Manufacturing Plant:	(INGS DYKE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	06	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	·······································	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2	Range category:	R1 25 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Compressive strength: Water absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Equivalent thermal conductivity:	Frogged 15-20% Voids 0.51 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement: NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6082211

Signed on behalf of the data manufacturer:

As la latheres

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1 Confirms the	6082518 ting the following: Products rstone Road, 2 7EL
GOLDEN BU	JFF		
06		GOLDEN BU	JFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: K	KINGS DYKE
		06	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2	Conforms to the Harmonised European Standard. BS EN 171-1.2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	5	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 25 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	23 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration: Frogged 15-20% Voids	
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement: NPD	
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only b appropriate form. See Annex ZA3 of BS EN 771-1:2011.	be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in cor accordance with the manufacturer's instructions and genera	

See Also Declaration of Performance DOP/HANUK/BR/6082518

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of DOP/HANUK/I The undersigned, repre Hanson Buildi Measham Works, A Measham, D	BR/6081917 senting the following: ng Products therstone Road,
BS EN 771-1:	2011		Confirm	s that:
HEATHEI	र	_		
06			HEAT	IER
			Manufacturing Plar	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		-	
Dimensional tolerances:			06	
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	23 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F1	-	Dimensional tolerances:	_
Active soluble salt content:	S2		Tolerance categor Range categor	y: R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	25 N/mm² [⊥ bed face] 23 %
			Durability against freeze-thaw:	F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Active soluble salt content: Reaction to fire:	S2 Class A1
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross densit	<b>y:</b> 1360 ka/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids		Configuration	n: Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10.drv</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will on appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		-	The performance of the product identified above is in accordance with the manufacturer's instructions and ge	conformity with the declared values, when installed i

See Also Declaration of Performance DOP/HANUK/BR/6081917

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1 Confirms th	6081719 hting the following: Products erstone Road, 2 7EL
HEREWARD L	light		
06		HEREWARD L	IGHT
		Manufacturing Plant:	(INGS DYKE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	06	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %		
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1 25 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Compressive strength: Water absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire:	Class A1
value):	0/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration: Equivalent thermal conductivity:	Frogged 15-20% Voids 0.51 W/m.Κ [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011.	be given when and where required in the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6081719

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of DOP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, At Measham, Di	<b>R/6080217</b> enting the following: g Products herstone Road,
BS EN 771-1:	2011		Confirms	that:
HONEY BU	FF			
06			HONEY E	UFF
			Manufacturing Plant	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		-	
Dimensional tolerances:			06	
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	23 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F1		Dimensional tolerances:	
Active soluble salt content:	S2		Tolerance category Range category	: R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	25 N/mm² [⊥ bed face] 23 %
			Durability against freeze-thaw:	F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Active soluble salt content: Reaction to fire:	S2 Class A1
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density	: 1360 ka/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids		Configuration	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10.drv</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		'	The performance of the product identified above is in a accordance with the manufacturer's instructions and gen	conformity with the declared values, when installed

See Also Declaration of Performance DOP/HANUK/BR/6080217

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6081313 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
IRONSTON	NE	IRONSTON	10
06		IRONSTON	IC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	KINGS DYKE
		06	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2	Contomis to the Hamonised European	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %		
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressive strength:	R1 25 N/mm <sup>2</sup> [ $\perp$ bed face]
Reaction to fire:	Class A1	Water absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Equivalent thermal conductivity:	Frogged 15-20% Voids 0.51 W/m.K [λ <sub>10.drv</sub> ]
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement: NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011.	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in con accordance with the manufacturer's instructions and gener	

See Also Declaration of Performance DOP/HANUK/BR/6081313

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			DOP/HANU The undersigned, rep Hanson Bui Measham Works	f Performance K/BR/6081115 resenting the following: ding Products , Atherstone Road, , DE12 7EL
BS EN 771-1:	2011		Confi	ms that:
LONGVILLE S	TONE	-		
06			LONGVI	LE STONE
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units		Manufacturing P	ant: KINGS DYKE
Dimensional tolerances:				06
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:			Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %		negi	
Durability against freeze-thaw:	F1		Dimensional tolerances: Tolerance categ	ory: T2
Active soluble salt content:	S2		Compressive strength:	
Reaction to fire:	Class A1		Water absorption:	23 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross den	sity: 1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids		Equivalent thermal conductivity:	
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]		Dimensional stability / Moisture Movement:	NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-1	
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is accordance with the manufacturer's instructions and	in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6081115

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6083119 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:		Confirms t	hat:
MILTON BU	IFF		
06		MILTON B	UFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	KINGS DYKE
		06	
Dimensional tolerances:	_	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:			
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	Regulatio	n. 20 N0 303/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	25 N/mm² [⊥ bed face] 23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	Sz Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration:	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in ca accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6083119

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6080811 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
NENE VALLEY	STONE		
06		NENE VALLEY	STONE
Category II, HD, 215 x 102.5 x 65	mm. clav masonry units	Manufacturing Plant:	KINGS DYKE
	,,,	06	
Dimensional tolerances:		Conformate the Llarmaniand European Standards BS EN 774 4:2044	
Tolerance category:	T2	Conforms to the Harmonised European Standard: <b>BS EN 771-1:2011</b>	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	Regulatio	1. 20 10 303/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	25 N/mm <sup>2</sup> [⊥ bed face] 23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire:	Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Equivalent thermal conductivity:	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.51 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:2011	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6080811

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6082112 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
REGENC	Y		
06		REGENO	SY
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	KINGS DYKE
	· · ·	06	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	Regulatio	n: EU NO 305/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	25 N/mm <sup>2</sup> [⊥ bed face] 23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F1
Water vapour diffusion coefficient (EN 1745 table		Active soluble salt content: Reaction to fire:	S2 Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration:	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6082112

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of DOP/HANUK/BI The undersigned, represe Hanson Building Measham Works, Att Measham, DE	R/6082914 enting the following: I Products herstone Road,
BS EN 771-1:	2011	Confirms t	hat:
RUSTIC			
06		RUSTI	•
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturing Plant:	KINGS DYKE
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	Dimensional tolerances:	
Durability against freeze-thaw:	F1	Tolerance category:	T2
Active soluble salt content:	S2	Range category: Compressive strength:	R1 25 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire:	Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration:	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in c accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6082914

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			<b>Declaration of</b> DOP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, At Measham, D	<b>R/6085212</b> enting the following: g Products herstone Road,
BS EN 771-1:	2011		Confirms	that:
RUSTIC ANTI	IQUE			
06			RUSTIC AN	TIQUE
			Manufacturing Plant	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		, i i i i i i i i i i i i i i i i i i i	
Dimensional tolerances:			06	
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	23 %		Regulati	on: EU No 305/2011
Durability against freeze-thaw:	F1		Dimensional tolerances:	
			Tolerance category Range category	
Active soluble salt content:	S2		Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1		Water absorption: Durability against freeze-thaw:	23 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table	5/10		Reaction to fire:	Class A1
value):	5/10		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density	: 1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids		Configuration	: Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10.drv</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note		Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		]	The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6085212

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6081610 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
SANDFAC		SANDFACED	
06			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: KINGS DYKE	
Planet and the large state		06	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T2		
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, Syste Regulation: EU No 305/2011	m 4
Water absorption:	23 %		
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category: T2	
Active soluble salt content:	S2	<b>Compressive strength:</b> 25 N/mm <sup>2</sup> [⊥ bed face]	
Reaction to fire:	Class A1	Water absorption: 23 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: F1 Active soluble salt content: S2	
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire:Class A1Bond strength (Fixed value from EN 998-2):0.15 N/mm²	
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table 5/10	
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density: 1360 kg/m <sup>3</sup> (D1)	
Configuration:	Frogged 15-20% Voids	Configuration:         Frogged 15-20% Voids           Equivalent thermal conductivity:         0.51 W/m.K [λ <sub>10,drv</sub> ]	
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement: NPD	
Dimensional stability:	NPD	Dangerous Substances: See Note	
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in appropriate form. See Annex ZA3 of BS EN 771-1:2011.	the
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in conformity with the declared values, whe accordance with the manufacturer's instructions and general purpose or lightweight mortars.	n installed

See Also Declaration of Performance DOP/HANUK/BR/6081610

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of DOP/HANUK/BR DOP/HANUK/BR The undersigned, represe Hanson Building Measham Works, Att Measham, DE	R/6082419 enting the following: Products erstone Road,
BS EN 771-1:	2011		Confirms t	hat:
SAXON GO	LD			
06			SAXON G	DLD
			Manufacturing Plant:	KINGS DYKE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		, i i i i i i i i i i i i i i i i i i i	
Dimensional tolerances:			06	
Tolerance category:	T2		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	23 %		Regulatio	on: EU No 305/2011
Durability against freeze-thaw:	F1		Dimensional tolerances:	70
Active soluble salt content:	S2		Tolerance category: Range category:	R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	25 N/mm <sup>2</sup> [⊥ bed face] 23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table	5/10		Reaction to fire:	Class A1
value):	5/10		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids		Configuration:	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10.drv</sub> ]		Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD		Dangerous Substances:	See Note
Dangerous Substances:	See Note	[	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20			The performance of the product identified above is in ca accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6082419

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of DOP/HANUK/ The undersigned, repre Hanson Buildi Measham Works, / Measham, I	<b>3R/6111119</b> senting the following: ng Products therstone Road,
BS EN 771-1:	2011	Confirm	
SELECTED REG	RADES		
06		SELECTED F	EGRADES
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturing Pla	t: KINGS DYKE
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
Water absorption:	23 %		tion: EU No 305/2011
•		Dimensional tolerances:	
Durability against freeze-thaw:	F1	Tolerance categor Range categor	
Active soluble salt content:	S2	Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	23 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Active soluble salt content:	S2
Water vapour diffusion coefficient (EN 1745 table	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuratio	n: Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will or appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in accordance with the manufacturer's instructions and ge	

See Also Declaration of Performance DOP/HANUK/BR/6111119

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6080415 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:
SUNSET RI	ED	SUNSET RED
06		
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: KINGS DYKE
Dimensional (alarmana)		06
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011
Tolerance category:	T2	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units
Compressive strength:	25 N/mm <sup>2</sup> [1 bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011
Water absorption:	23 %	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category: T2
Active soluble salt content:	S2	Range category:     12       Compressive strength:     25 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: 23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: F1 Active soluble salt content: S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire:Class A1Bond strength (Fixed value from EN 998-2):0.15 N/mm²
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table 5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density: 1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration: Frogged 15-20% Voids Equivalent thermal conductivity: 0.51 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement: NPD
Dimensional stability:	NPD	Dangerous Substances: See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201		The performance of the product identified above is in conformity with the declared values, when install accordance with the manufacturer's instructions and general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/BR/6080415

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6082310 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms	that:
TUDOR			
06		TUDO	R
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturing Plant	KINGS DYKE
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:	R1	Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	Regulat	01: EU NO 305/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category	: Т2
Active soluble salt content:	S2	Compressive strength:	
Reaction to fire:	Class A1	Water absorption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density	: 1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Equivalent thermal conductivity:	: Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20	
Note: Information on Dangerous substances will onl appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in a accordance with the manufacturer's instructions and ger	

See Also Declaration of Performance DOP/HANUK/BR/6082310

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6081511 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
WINDSO	3	Commissi	iai.
		WINDSO	R
06			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	KINGS DTKE
Dimensional tolerances:		06	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	23 %	C C	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	25 N/mm <sup>2</sup> [⊥ bed face] 23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw: Active soluble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire:	Sz Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Configuration:	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.51 W/m.Κ [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:	See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201	
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:20		The performance of the product identified above is in co accordance with the manufacturer's instructions and gene	

See Also Declaration of Performance DOP/HANUK/BR/6081511

Signed on behalf of the manufacturer:

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Full name: Carl Cuthbert

Position: Head of Quality and Clay Services