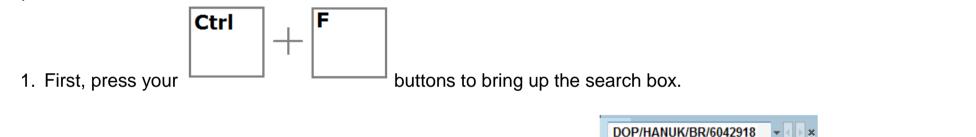


## Hanson Building Products

Atherstone Road Measham Swadlincote DE12 7EL Phone 01530 270333

www.hansonbuildingproducts.co.uk

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

and press enter.

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

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

Yours sincerely,

Alla 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:			
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 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 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/6152419 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
HOLLINS RUS	SETT		S RUSSETT
15			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing	Plant: 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 Regulation: EU No 305/2011	
Water absorption:	7 %	Ke	guiation. EO NO 303/2011
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 % 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 tab value):	e 50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	nsity: 1700 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configur Equivalent thermal conductivity:	
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 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 ir general purpose or lightweight mortars.

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

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/6166010 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms 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 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/6152310 presenting the following: Iding Products s, Atherstone Road, n, DE12 7EL
BS EN 771-1:	2011	Confi	rms that:
HARTHILL F	RED		
15		HART	HILL RED
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturing P	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/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 cate Range cate	ory: 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	50/100	Active soluble salt content: Reaction to fire:	S2 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:	2	value): Direct airborne sound insulation:	50/100
Gross density:	1700 kg/m³ (D1)	Gross der	
Configuration:	Vertically Perforated 18-28% Voids	Configura Equivalent thermal conductivity:	tion: 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 in general purpose or lightweight mortars.

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

Signed on behalf of the Car

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 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: 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

As la latheres 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/6162111 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Conf	irms that:	
LANGWITH RED	RUSTIC			
15		LANGWITI	H RED RUSTIC	
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturing F	lant: 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: 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):	<b>5</b> 0/100	
Gross density:	1700 kg/m³ (D1)	Direct airborne sound insulation: Gross der	nsity: 1700 ka/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 18-28% Voids	Configura Equivalent thermal conductivity:		
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-		
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/6162111

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/6165617 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
MEADOW R	ED		
15		MEAL	OW RED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing P	lant: ACCRINGTON
Dimensional tolerances:			15
Tolerance category:	Τ2	Conforms to the Harmonised Eur	opean 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 catego	jory: T2
Active soluble salt content:	S2	Range cate	jory: 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:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross der	<b>sity:</b> 1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configura	tion: 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.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/6165617

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/6151917 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6151917 ting the following: Products rstone Road, 2 7EL
ST ANNES RED SMO	DOTH 75mm			
06		ST A	NNES RED SMO	OOTH 75mm
		Manuf	facturing Plant: A	CCRINGTON
Category II, HD, 215 x 102.5 x 75	mm, clay masonry units	Waltu	Ū.	
Dimensional tolerances:			06	
Tolerance category:	T2	Conforms to the Harme	onised European	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:	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:	anaa aataganyi	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:	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:	Vertically Perforated 18-23% Voids 0.71 W/m.K [ $\lambda_{10,dry}$ ]
Equivalent thermal conductivity:	0.71 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	ances will only b S EN 771-1:2011.	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 i al purpose or lightweight mortars.

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

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/6005517 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confir	ns that:
ACCRINGTON CLASS B EN	IGINEERING 65mm		
15		ACCRINGTON CLASS	B ENGINEERING 65mm
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	nt: ACCRINGTON
Dimensional tolerances:			5
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 catego	ргу: 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:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross dens	ity: 1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configurati Equivalent thermal conductivity:	
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 g	n conformity with the declared values, when installed eneral purpose or lightweight mortars.

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

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/6005579 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirm	is that:
ACCRINGTON CLASS B EN	IGINEERING 75mm		
15		ACCRINGTON CLASS	BENGINEERING 75mm
Category II, HD, 215 x 102.5 x 75	mm, clay masonry units	Manufacturing Pla	nt: ACCRINGTON
Dimensional tolerances:		1	5
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 75mm, 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:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densi	<b>ty:</b> 1700 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configuration	on: 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.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	n conformity with the declared values, when installed i eneral purpose or lightweight mortars.

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

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/6005555 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
ACCRINGTON CLASS B E	ENG SOLID 65mm	ACCRINGTON CLASS B E	NG SOLID 65mm
15			
Category II, HD, 215 x 102.5 x 65	imm, 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	
		Devision to which the needed on former. Other death Assess 74 of DO EN 774 4 0044. Outloop 4	
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: 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	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
		value): Direct airborne sound insulation:	00/100
Gross density:	2150 kg/m <sup>3</sup> (D1)	Gross density:	2150 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 a 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/6005555

Signed on behalf of the manufacturer:

As la latheren

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 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 irstone Road, 2 7EL
RUSSET MIX	IURE			
15			RUSSET MIXT	TURE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Man	ufacturing Plant: A	CCRINGTON
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:	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:	rance category:	Т2
Active soluble salt content:	S2		Range category:	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 9		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	N 1745 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 18-28% Voids	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 18-28% 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 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 identific accordance with the manufacturer's instr		formity with the declared values, when installed in 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		DOP/HAN The undersigned, ro Hanson B Measham Worl Measha	Df Performance JK/BR/6165914 epresenting the following: uilding Products (s, Atherstone Road, m, DE12 7EL iirms that:
WOODSIDE MI	XTURE		
15		WOODS	DE MIXTURE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing I	Plant: ACCRINGTON
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:	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 cate	gory: 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	50/100	Reaction to fire:	Class A1
value):		Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 tabl	0.15 N/mm <sup>2</sup> e 50/100
Direct airborne sound insulation:	2	value): Direct airborne sound insulation:	50/100
Gross density:	1700 kg/m³ (D1)	Gross de	
Configuration:	Vertically Perforated 18-28% Voids	Configur Equivalent thermal conductivity:	ation: Vertically Perforated 18-28% 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 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 i general purpose or lightweight mortars.

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

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 ANTIQUE BROWN RUSTIC		Declaration of Performance DOP/HANUK/BR/6018517 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
15		ANTIQUE BROV	IN RUSTIC
		Manufacturing Plant:	CLAUGHTON
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:	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: 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] 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:	$4000 \ln (-^{3} (D4))$
Configuration:	Vertically Perforated 18-28% Voids	Gross density: 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 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/6018517

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/ The undersign Hans Measham	/HANUK/BR/	ting the following: Products Irstone 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

ale la lathere i

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 LAGGAN MIXTURE			DOP/HANU The undersigned, rej Hanson Bu Measham Works Measham	f Performance K/BR/6026116 presenting the following: Iding Products s, Atherstone Road, n, DE12 7EL ms that:
			LAGGAI	I MIXTURE
			Manufacturing P	lant: CLAUGHTON
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		J.	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, System 4	
Water absorption:	10 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	D	Dimensional tolerances:	
Active soluble salt content:	S2		Tolerance categ Range categ	ory: R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	40 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	50/100	R	Reaction to fire:	Class A1
value): Direct airborne sound insulation:		v	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup> 50/100
	$4600  km/m^3$ (D4)		value): Direct airborne sound insulation:	00/100
Gross density:	1600 kg/m <sup>3</sup> (D1)		Gross den	
Configuration:	Vertically Perforated 18-28% Voids	E	Configura Equivalent thermal conductivity:	ion: Vertically Perforated 18-28% Voids 0.72 W/m.K [λ <sub>10,dry</sub> ]
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 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/6026116

Signed on behalf of the day

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/6016612 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
LANCASTER GRE	RUSTIC	LANCASTER GR	EY RUSTIC
15			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	CLAUGHTON
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:	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 %	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:	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 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 771-1:201	
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/6016612

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 Conforms to the Harmonised European Standard: BS EN 771-1:2011 . Category II, HD, 215 x 102.5 x 65mm, clay masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011 Dimensional tolerances: Tolerance category: T2 Range category: R1 Compressive strength: 35 N/mm<sup>2</sup> [1 bed face] Water absorption: 11 % Durability against freeze-thaw: F2 Active soluble salt content: S2 Reaction to fire: Class A1 Bond strength (Fixed value from EN 998-2): 0.15 N/mm<sup>2</sup> Water vapour diffusion coefficient (EN 1745 table 50/100 value): Direct airborne sound insulation: 1550 kg/m<sup>3</sup> (D1) Gross density: Configuration: Vertically Perforated 18-23% Voids Equivalent thermal conductivity: 0.68 W/m.K [\u03c810.drv] Dimensional stability / Moisture Movement: NPD Dangerous Substances: See Note Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.

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

Signed on behalf of the manufacturer:

Rela Cathlet

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Date: 04 August 2015

## Dimensional tolerances:

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

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

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



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		The und	ration of P DOP/HANUK/BR/ dersigned, represer Hanson Building I basham Works, Athe Measham, DE1 Confirms th	nting the following: Products erstone Road, 2 7EL
MORAY RED M	XTURE			VTUDE
14			MORAY RED MI	ATORE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ma	anufacturing Plant: C	CLAUGHTON
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		
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:	lerance category:	Τ2
Active soluble salt content:	S2		Range category:	R1 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:		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):	EN 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 Mov	vement:	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 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 identian 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/6026314

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		The un	ration of P DOP/HANUK/BR/ dersigned, represer Hanson Building I easham Works, Athe Measham, DE1 Confirms th	nting the following: Products erstone Road, 2 7EL
NATURAL RED	RUSTIC		00	
15			NATURAL RED	RUSTIC
		Ма	anufacturing Plant: C	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		C C	
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:	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 %		rtogulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tol	lerance category:	Τ2
Active soluble salt content:	S2		Range category:	R1 40 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 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:	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 Mov	vement:	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		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 inst		nformity with the declared values, when installed ir all purpose or lightweight mortars.

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

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 F DOP/HANUK/BR The undersigned, represe Hanson Building Measham Works, Ath Measham, DE Confirms th	<b>2/6016810</b> nting the following: Products erstone Road, 12 7EL
OCHRE RUS			STIC
15			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	CLAUGHION
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:	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 %	,	
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/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		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:	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	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 771-1:201	
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/6016810

Signed on behalf of the

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 OLD TRAFFORD RED		Declaration of P DOP/HANUK/BR The undersigned, represen Hanson Building Measham Works, Ath Measham, DE Confirms th	/6019613 nting the following: Products erstone Road, 12 7EL
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 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 %	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:	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

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

As la latheres



Hanson Building Products Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		D The under H	OP/HANUK/BR/	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

ale 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 DOP/HANUK/B The undersigned, represe Hanson Building Measham Works, At Measham, DE Confirms	R/6014311 enting the following: g Products nerstone Road, :12 7EL
VICTORIAN MI	KTURE		
14		VICTORIAN M	IIXTURE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	CLAUGHTON
Dimensional tolerances:		14	
	_	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:	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 %	regulain	51. EU NU 505/2011
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] 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 \$2
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:	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	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 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/6014311

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/6017923 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
			Confirms the	at:
WENTWORTH M	IXTURE			
14		W	ENTWORTH M	IXTURE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: CLAUGHTON		
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 Regulation: EU No 305/2011		
Water absorption:	10 %		rtogulation	. 20 110 000,20 11
Durability against freeze-thaw:	F2	Dimensional tolerances:	ice category:	Т2
Active soluble salt content:	S2		ige category:	R1 40 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 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:	1600 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ross density:	1600 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids		onfiguration:	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 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	tions and generations	nformity with the declared values, when installed ir 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 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			
15		BRA	EMAR BUFF	RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufact	turing Plant: <b>C</b>	LAUGHTON
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/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:		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:	,e eareger ;.	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: 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 174 value):	45 table	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	Cor	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	nt:	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 substanc 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 i al purpose or lightweight mortars.

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

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/6015011 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
CALDERDALE STRA	AW RUSTIC	C	ALDERDALE STR	
15			-	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ma	anufacturing Plant: C	CLAUGHTON
Dimensional tolerances:		15		
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/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	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tol	lerance category:	Τ2
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		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:	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 0.72 W/m.K [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.72 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 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 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/6015011

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/6018715 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6018715 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
CUMBRIA BUFF	RUSTIC			
15		CI	UMBRIA BUFF	RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	acturing Plant: C	LAUGHTON
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:	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	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerar	nce category:	Т2
Active soluble salt content:	S2		nge category:	R1 40 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 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):	1/45 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		Configuration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Moveme	ent:	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 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		nformity with the declared values, when installed in al purpose or lightweight mortars.

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

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/6028813 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011		Confirms the	at:
INGLEBOROUGH B	UFF MULTI			
15		INGLEI	BOROUGH B	UFF MULTI
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufac	turing Plant: <b>C</b>	LAUGHTON
		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:	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	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ce category:	Τ2
Active soluble salt content:	S2	Rang	je category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		40 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:	1600 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Group	oss density:	1600 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids		onfiguration:	Vertically Perforated 18-28% Voids
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movemen	nt:	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 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		formity with the declared values, when installed ir al purpose or lightweight mortars.

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

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		DO The undersi Ha Measha	)P/HANUK/BR/	ting the following: Products rstone Road,	
BS EN 771-1:			Confirms the		
MURRAYFIELD BUFF I	MULTIRUSTIC				
15		MURRAY	YFIELD BUFF N	NULTI RUSTIC	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	acturing Plant: C	LAUGHTON	
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:	10 %	Regulation: EU No 305/2011			
Durability against freeze-thaw:	F2	Dimensional tolerances:			
Active soluble salt content:	S2		nce category: nge category:	T2 R1	
		Compressive strength:	3	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	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 17 value):		50/100	
Gross density:	1600 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ross density:	$1600 kg/m^3$ (D1)	
Configuration:	Vertically Perforated 18-28% Voids	Co	onfiguration:	1600 kg/m <sup>3</sup> (D1) Vertically Perforated 18-28% Voids	
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Moveme	ent:	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 substan appropriate form. See Annex ZA3 of BS B			
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:201			above is in cor	nformity with the declared values, when installe	

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

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/6026512 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
TORRIDON BUF	FMULTI			
15			TORRIDON BUF	FMULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Mar	nufacturing Plant: <b>C</b>	LAUGHTON
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:	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	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	erance category:	Τ2
Active soluble salt content:	S2		Range category:	R1 40 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 value):	50/100	Reaction to fire: Bond strength (Fixed value from EN S		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (El value):	N 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 0.72 W/m.K [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.72 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Move	ement:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous subs appropriate form. See Annex ZA3 of E		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 identifi 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/6026512

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/6012911 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6012911 ting the following: Products erstone Road,
BS EN 771-1:	2011		Confirms th	at:
CARNFORTH SMOO	OTH CREAM			
06		CARNFO	RTH SMOO	TH CREAM
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactur	ring Plant: <b>C</b>	LAUGHTON
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:	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	category:	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:	1630 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	s density:	1630 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-23% Voids		iguration:	Vertically Perforated 18-23% Voids 0.68 W/m.K [λ <sub>10.dv</sub> ]
Equivalent thermal conductivity:	0.68 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 abo 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/6012911

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

al la la therea



## **Declaration of Performance** DOP/HANUK/BR/6012812 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: KENDAL CREAM DRAGFACED **KENDAL CREAM DRAGFACED** 06 Manufacturing Plant: CLAUGHTON 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: 10 % 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: 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: 1630 kg/m<sup>3</sup> (D1) Gross density: Gross density: 1630 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: 2.3 kg Bricks per pack: 475

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

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

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

Relatation

Date: 04 August 2015

Full name: Carl Cuthbert



Hanson Building Products 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:		
ASHBY LIGHT	BUFF				
06				ASHBY LIGHT	BUFF
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/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			Declaration of Performance DOP/HANUK/BR/6040914 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6040914 ting the following: Products rstone Road,
BS EN 771-1:	2011			Confirms that	at:
BECKTON YELLOW MULTI					
06			BECK	TON YELLO	W MULTI
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	EU NO 305/2011
Durability against freeze-thaw:	F2		Dimensional tolerances:	category:	Т2
Active soluble salt content:	S2			category:	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 value):	5 table	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gros	ss density:	1310 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids			figuration:	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.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		formity with the declared values, when installed ir al purpose or lightweight mortars.

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

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/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

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			Declaration of Performance DOP/HANUK/BR/6059619 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6059619 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 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
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

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			Declaration of Performance DOP/HANUK/BR/6004015 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		/6004015 hting the following: Products erstone Road,
BS EN 771-1:	2011		C	Confirms th	at:
CEDAR GO	LD	-			
06			C	EDAR GO	LD
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufactu	iring 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		
Water absorption:	20 %			Regulation	n: EU No 305/2011
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance c	atogory	Τ2
Active soluble salt content:	S2			ategory:	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 t value):	adle	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	density:	1310 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids			guration:	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:		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 onl 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 in a purpose or lightweight mortars.

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

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			Declaration of Performance DOP/HANUK/BR/6005616 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:			Confirms t	hat:
COUNTRYSIDE MU	ILTI BUFF			
06			COUNTRYSIDE M	ULTI BUFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plan	t: 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: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %		. togulate	
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance category:	Τ2
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 density:	1310 kg/m <sup>3</sup> (D1)
Configuration:	VerticallyPerforated 18-25% VOIDS		Configuration: Equivalent thermal conductivity:	VerticallyPerforated 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 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	

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

Signed on behalf of the

al la la therea

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/6006613 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		/6006613 hting 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

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/6041119 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confir	ms that:
HARBOROUGH BU	JFF MULTI		
06		HARBOROUC	H BUFF MULTI
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:		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 %	Negi	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categ	pry: 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 den	sity: 1310 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configurat Equivalent thermal conductivity:	ion: 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.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/6041119

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/6035613 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6035613 ting the following: Products prstone Road,
BS EN 771-1:	2011		Confirms the	at:
HENLEY YEL	LOW			
06		н	IENLEY YELI	LOW
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacti	turing Plant: <b>K</b>	KINGS 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/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:	e category:	Т2
Active soluble salt content:	S2		e category:	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 value):	5 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		figuration:	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.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 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



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6009614 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms	that:
LEICESTERSHIRE RUS	SET MIXTURE		
06		LEICESTERSHIRE R	USSET MIXTURE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	nt: 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/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:	20 %	Regulat	ion: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	т: Т2
Active soluble salt content:	S2	Range category	r: 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 density	r: 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 get	

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

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

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

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/6017015 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Cor	irms that:
OLD ENGLISH BU	FF MULTI		
06		OLD ENGL	SH BUFF MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturin	Plant: DESFORD
<b>.</b>			06
Dimensional tolerances:		Conforms to the Harmonised Eu	ropean 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:	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 cate	gory: T2
Active soluble salt content:	S2	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		Reaction to fire:	Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 tab	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	e 5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	nsity: 1310 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configur	ation: 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 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.

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:

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/6004718 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road,	
		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: <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/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		Declaration of Performance DOP/HANUK/BR/6006514 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6006514 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 Harmonise	sed 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:	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

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/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 Performance DOP/HANUK/BR/6035217 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6035217 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
VILLAGE HARVES	ST MULTI			
06		VILLA	GE HARVES	ST 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:	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	EO NO 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	e category:	Т2
Active soluble salt content:	S2		e category:	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 value):	o table	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ss density:	1310 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids		figuration:	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.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		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/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 BS EN 771-1:2011			Declaration of Performance DOP/HANUK/BR/6016117 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
WALTHAM MULTI BU	JFF RUSTIC			
06			WALTHAM MULTI BU	JFF RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing 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: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: EU No 305/2011	
Water absorption:	20 %		Regulation	. EO NO 303/2011
Durability against freeze-thaw:	F2		Dimensional tolerances:	<b>T</b> 2
Active soluble salt content:	S2		Tolerance category: Range category: Compressive strength:	T2 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 table value):	5/10
Gross density:	1310 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	$1210 \log^{3} (D1)$
Configuration:	Vertically Perforated 18-25% Voids		Gross density: Configuration: Equivalent thermal conductivity:	1310 kg/m <sup>3</sup> (D1) Vertically Perforated 18-25% Voids 0.52 W/m.K [λ <sub>10.dw</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 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 be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.			The performance of the product identified above is in cor accordance with the manufacturer's instructions and genera	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/6016117

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/6002011 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
			Confirms th	at:
WELFORD BUFF	FMULTI			
06			WELFORD BUF	- MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing 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: 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:	Т2
Active soluble salt content:	S2		Compressive strength:	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:	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 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:	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 771-1:201		]	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: 1.9 kg

Bricks per pack: 500

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

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 E Measham Wo	Df Performance UK/BR/6009515 epresenting the following: uilding Products <s, atherstone="" road,<br="">m, DE12 7EL</s,>	
BS EN 771-1:	2011		firms that:	
YORKSHIRE MUL	.TI BUFF			
06		YORKSHI	RE MULTI BUFF	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturir	g Plant: <b>DESFORD</b>	
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:	20 %	Regulation: EU No 305/2011		
Durability against freeze-thaw:	F2	Dimensional tolerances:		
Active soluble salt content:	S2	Tolerance cat Range cat		
		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 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):		
Gross density:	1310 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	<b>nsity:</b> 1310 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 18-25% Voids	Configu	ation: 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 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 i d general 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/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

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		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

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		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 Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			Declaration of Performance DOP/HANUK/BR/6022811 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
ARLESTON	RED			αι.
			ARLESTON	RED
06			Manufacturing Plant:	DESEORD
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		° °	DEGFORD
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/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/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	50/100		Reaction to fire:	Class A1
value):			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 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 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	nformity with the declared values, when instant and purpose or lightweight mortars.

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

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

as la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



## **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:

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 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:	2011		Confirms the	at:
BARWELL	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:	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	. 20110 300/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ance category:	Τ2
Active soluble salt content:	S2		ange category:	R1 40 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 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 Moven	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		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		nformity 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 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	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		Declaration of Performance DOP/HANUK/BR/6003117 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6003117 ating the following: Products arstone Road,
BS EN 771-1:	2011	С	Confirms th	at:
CADEBY RED	MULTI			
06		CADI	EBY RED	MULTI
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufactu	uring 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:		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	ategory:	Т2
Active soluble salt content:	S2		category:	R1 40 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):	table	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	density:	1410 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-25% Voids	Configuration: Vertically Perforated 18-25% Voids		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.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 abov accordance with the manufacturer's instructions		nformity 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

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/6008617 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6008617 ting the following: Products vrstone Road,
BS EN 771-1:	2011		ľ	Confirms the	
CHESHIRE RED	MULTI				
06			CI	HESHIRE RED	MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manuf	facturing 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		
Water absorption:	14 %		Regulation: EU No 305/2011		:: EU No 305/2011
Durability against freeze-thaw:	F2	Dime	ensional tolerances:		
Active soluble salt content:	S2		Ran	ce category: ge category:	T2 R1
Reaction to fire:	Class A1		pressive strength: er absorption:		40 N/mm² [⊥ bed face] 14 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durat	bility against freeze-thaw: ve soluble salt content:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	React	tion to fire: stion to fire: d strength (Fixed value from EN 998-	-2):	Sz Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water	er vapour diffusion coefficient (EN 17	745 table	50/100
Gross density:	1410 kg/m <sup>3</sup> (D1)		t airborne sound insulation:		
Configuration:	Vertically Perforated 18-25% Voids	Equiv	Gross density:       1410 kg/m³ (D1)         Configuration:       Vertically Perforated 18-25% Voids         Equivalent thermal conductivity:       0.58 W/m.K [ $\lambda_{10, drv}$ ]		
Equivalent thermal conductivity:	0.58 W/m.K [λ <sub>10,dry</sub> ]	Dime	ensional stability / Moisture Moveme	nt:	NPD
Dimensional stability:	NPD		gerous Substances:		See Note
Dangerous Substances:	See Note		: Information on Dangerous substan opriate form. See Annex ZA3 of BS E		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		here required in the The performance of the product identified above is in conformity with the declared values, when in accordance with the manufacturer's instructions and general purpose or lightweight mortars.			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/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 Performance DOP/HANUK/BR/6016216 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 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)	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.drv</sub> ]		
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 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 Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6010214 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6010214 ting the following: Products rstone Road, 2 7EL
KIRBY RED N	IULTI		KIRBY RED M	
15				-
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Ma	anufacturing 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:	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: Tole	rance 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:		14 % 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 9		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	N 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	Equivalent thermal conductivity:	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 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 ir al purpose or lightweight mortars.

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 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 a accordance with the manufacturer's instructions and ger		

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

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/6008419 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: WORCESTERSHIRE RED MULTI WORCESTERSHIRE 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> 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

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

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

value):

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

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		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 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 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

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 BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6154710 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6154710 ting the following: Products rstone Road, 2 7EL
AIREDALE MULTI D	RAGFACED			
07		AIREDAI		RAGFACED
		Manufactur	ring Plant: HC	DWLEY PARK
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		07	
Dimensional tolerances:				
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: <b>BS EN 771-1:2011</b>
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 %		rogulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance	e category:	Τ2
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 1745 value):	5 table	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ss density:	1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids		figuration:	Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movement	t:	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 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.

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 Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6166515 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
ABBEY BUFF	MULTI			
07		ABBEY BUFF	MULTI	
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:	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 %	
		Durability against freeze-thaw:	F2	
Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>	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:	$4650 \text{ km/m}^3$ (D4)	
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 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/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 BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6166119 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6166119 ting the following: Products rstone Road, 2 7EL
ABBEY RED N	IULTI		ABBEY RED N	N II TI
07				-
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manu	ufacturing Plant: HC	OWLEY PARK
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:	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	. EU NU 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:		F2 S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN S		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (El value):	N 1745 table	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	Equivalent thermal conductivity:	Configuration:	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 Move	ement:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous subs appropriate form. See Annex ZA3 of E	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 identification 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/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 Performance DOP/HANUK/BR/6167710 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
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 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 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 Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6154819 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
BRANSDALE	MULTI			
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 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:	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:     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 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/6154819

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/6166713 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
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):	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 densit	<b>y:</b> 1650 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Equivalent thermal conductivity: 0.69 W/m.K [\lambda_10.007]	
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 Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6153317 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
BURTONWOO	D RED			
07		BURTONWOO	D RED	
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 Europear	n Standard: BS EN 771-1:2011	
Range category:	R1	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		
Compressive strength:	75 N/mm² [⊥ bed face]	Regulation: EU No 305/2011		
Water absorption:	7 %	Dimensional tolerances:		
Durability against freeze-thaw:	F2	Tolerance category:	Τ2	
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	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	0.15 N/mm 50/100	
		value): Direct airborne sound insulation:	30/100	
Gross density:	1650 kg/m <sup>3</sup> (D1)	Gross density:	1650 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 24-29% Voids	Configuration: Equivalent thermal conductivity:	Vertically Perforated 24-29% Voids 0.69 W/m.K [ $\lambda_{10,drv}$ ]	
Equivalent thermal conductivity:	0.69 W/m.Κ [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 771-1:20		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/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 Performance DOP/HANUK/BR/6154017 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
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:     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 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/6154017

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/6154116 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
CHIDWELL M	ULTI			
07		CHIDWELL N	IULTI	
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:	F2	Dimensional tolerances:		
Active soluble salt content:	52	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:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	$4050 \text{ km/m}^3$ (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:     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 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/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 BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6159654 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
CITY MULTI SMOO	OTH 73mm		
06		CITY MULTI SM	IOOTH 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plan	HOWLEY PARK
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 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	
·		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:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	
Configuration:	Vertically Perforated 24-29% Voids	Gross densi Configuratio	n: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.Κ [λ <sub>10.dry</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 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 in energy purpose or lightweight mortars.

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

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/6167413 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
CROWHURST MULT	TRESERVE	CROWHURST MU	LTI RESERVE
10			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	HOWLEY PARK
Dimensional tolerances:		10	
Tolerance category:	To	Conforms to the Harmonised Europe	an Standard: BS EN 771-1:2011
, o			
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	<i>r</i> : T2
Active soluble salt content:	S2	Range category	<i>r</i> : 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		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	<i>r</i> : 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:         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/6167413

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/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		Declaration of Performance DOP/HANUK/BR/6166911 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Confirms th	at:	
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	DWLEY 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 %	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		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:         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 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 conformity with the declared values, when insta accordance with the manufacturer's instructions and general purpose or lightweight mortars.		

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

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/6153515 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6153515 ting the following: Products irstone Road, 2 7EL
HEATHER M	ULTI		HEATHER M	
07			HEATHER WO	5Em
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manu	ifacturing Plant: HC	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/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: Tole	rance 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 9		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	N 1745 table	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	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10,dry</sub> ]	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 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 identific 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/6153515

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/6154918 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
		Confirms th	nat:	
	IULII		4 H T	
07			NULTI	
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:	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	1. 20 10 303/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2	
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/m³ (D1)	Direct airborne sound insulation: Gross density:	1650 ka/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:         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 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 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/6154918

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/6161329 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
OLD MILL SU	NSET	Com	nis ulai.
			L SUNSET
07			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	nt: HOWLEY PARK
Dimensional tolerances:			77
		Conforms to the Harmonised Euro	pean 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:	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 %	Kegi	ation. EU NO 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categ	
Active soluble salt content:	S2	Range categ	ory: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	75 N/mm <sup>2</sup> [⊥ bed face] 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: 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:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	it. (550) ( <sup>3</sup> (D4)
Configuration:	Vertically Perforated 24-29% Voids	Gross den Configurat	ion: Vertically Perforated 24-29% Voids
Equivalent thermal conductivity:	0.69 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: $0.69 \text{ W/m.K} [\lambda_{10,drv}]$	
Dimensional stability:	NPD	Dimensional stability / Moisture Movement: 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/6161329

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/6155014 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6155014 ting the following: Products rstone Road, 2 7EL
QUEENS BL	END		QUEENS BLE	
07			QUEENS BL	END
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	acturing Plant: HC	DWLEY PARK
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:	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: 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 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:	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 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 Moven	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 i al purpose or lightweight mortars.

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

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, 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 Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6154314 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6154314 ting the following: Products rstone Road, 2 7EL
SOUTH DOWN	MULTI			
07			SOUTH DOWN	MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	acturing Plant: <b>HC</b>	DWLEY PARK
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:	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	. EO NO 305/2011
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):	1745 table	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 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 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 i al purpose or lightweight mortars.

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 BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6166812 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6166812 ting the following: Products irstone Road, 2 7EL
WOODSTOCK BLEN	DRESERVE	wo	ODSTOCK BLEN	DRESERVE
10				-
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manu	ufacturing Plant: HC	DWLEY PARK
Dimensional tolerances:			10	
Tolerance category:	T2	Conforms to the Harr	monised 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 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	. EU NO 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:		52
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 (El value):	N 1745 table	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	Gross density:	1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids	Equivalent thermal conductivity:	Configuration:	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 Move	ement:	NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous subs appropriate form. See Annex ZA3 of E	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 identifi 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/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		Annex ZA of BS EN 771-1:2011, System 4
Water absorption:	7%	Regulation: EU No 305/2011		a: 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		omm, 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

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/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 ka/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 th	at:
GOLDEN BROWN SANDFAC	ED RESERVE 73mm			
10			GOLDEN BROWN SANDFAC	ED RESERVE 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units		Manufacturing Plant: HC	DWLEY 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	
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>	Α	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:	1650 kg/m <sup>3</sup> (D1) 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 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 771-1:20			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/6167017

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/6167314 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms t	nat:
ROCHESTER BLEND R	ESERVE 73mm		
10		ROCHESTER BLEND F	RESERVE 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant: H	OWLEY PARK
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 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:		Dimensional tolerances:	
	F2	Tolerance category: Range category:	
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,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 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/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		Declaration of Performance DOP/HANUK/BR/6153614 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6153614 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
LINCOLN R	ED			
07			LINCOLN R	ED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	acturing 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:	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	. 20 110 303/2011
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:		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:	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		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 Movem	nent:	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 instru		formity with the declared values, when installed a large state of a large state of the state of

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 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 Confirms	R/6153812 enting the following: g Products therstone Road, E12 7EL
YORKSHIRE REL	BLEND		
13		YORKSHIRE R	ED BLEND
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	HOWLEY PARK
Dimensional tolerances:		13	
Tolerance category:	To	Conforms to the Harmonised Europe	an Standard: <b>BS EN 771-1:2011</b>
, o ,		Category II, HD, 215 x 102.5 x 65mm, clay masonry units	
Range category:	R1		
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 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	: T2
Active soluble salt content:	S2	Range category Compressive strength:	: R1 60 N/mm <sup>2</sup> [⊥ 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	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:	30/100
Gross density:	1600 kg/m <sup>3</sup> (D1)	Gross density	
Configuration:	Vertically Perforated 24-29% Voids	Configuratior 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 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 get	

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 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 P DOP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Athe Measham, DE1	<b>/6154215</b> hting the following: Products erstone Road,
BS EN 771-1:	2011	Confirms th	at:
KINGSWOOD BU	FF MULTI		
07		KINGSWOOD BU	FF MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: He	DWLEY PARK
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:	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 %	Regulation	1. EU NU 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Range category:	R1 R1 50 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Compressive strength: 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 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 gener	

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		DOP/H The undersigne Hanso Measham V	HANUK/BR/ ed, represer on Building I Works, Athe	nting the following: Products erstone Road,
BS EN 771-1:			asham, DE1 Confirms th	
NORFOLK BUFF	= MULTI			
07		NORF	FOLK BUF	FMULTI
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturir	ng Plant: <b>H</b>	OWLEY PARK
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		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:	9 %		rtegulation	1. 20 110 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance	catogory:	Τ2
Active soluble salt content:	S2		category:	R1 S0 N/mm <sup>2</sup> [ $\perp$ 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 value):	table	50/100
Gross density:	1650 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	s density:	1650 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 24-29% Voids		iguration:	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 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 abo 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/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			Declaration of P DOP/HANUK/BR The undersigned, represen Hanson Building Measham Works, Ath Measham, DE	/6040716 nting the following: Products erstone Road,
BS EN 771-1:	2011		Confirms th	nat:
CUMBRIAN	RED			
06			CUMBRIAN	RED
Category II, HD, 215 x 102.5 x 65	mm clay masonry units		Manufacturing Plant: I	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/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:	18 %		Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2		Dimensional tolerances:	70
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] 18 %
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 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> ]		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 gene	ral purpose or lightweight mortars.

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

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

Signed on behalf of the

As la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/HAN The undersigned, re Hanson B Measham Work	Df Performance JK/BR/6046817 presenting the following: uilding Products s, Atherstone Road, m, DE12 7EL
BS EN 771-1:	2011	Con	irms that:
MALLARD BL	END		
06		MALLA	RD BLEND
	······	Manufacturing	Plant: KINGS DYKE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	с 	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 Regulation: EU No 305/2011	
Water absorption:	18 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cate	gory: T2
Active soluble salt content:	S2	Range cate	gory: R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	30 N/mm <sup>2</sup> [⊥ bed face] 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	5/10	Reaction to fire:	Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 tabl	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:	2	value):	5/10
Gross density:	1350 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	<b>nsity:</b> 1350 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 15-20% Voids	Configura Equivalent thermal conductivity:	tion: Vertically Perforated 15-20% 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 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 and	s in conformity with the declared values, when installed i general purpose or lightweight mortars.

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.

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



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		DOP/HAN The undersigned, r Hanson B Measham Wor	Df Performance UK/BR/6040815 epresenting the following: uilding Products (s, Atherstone Road, m, DE12 7EL
BS EN 771-1:	2011	Cor	firms that:
NORTHUMBRIAN D	ARK BLEND		
06		NORTHUMB	IAN DARK 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/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 %	Ke	gulation. EO NO 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	<b>30</b> 74 T2
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] 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	5/10	Reaction to fire:	Class A1
value):	5/10	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 tab	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		value):	5/10
Gross density:	1350 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	<b>nsity:</b> 1350 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 15-20% Voids	Configur 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 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 d general purpose or lightweight mortars.

Other Information: Dry weight per brick: 2. kg

Bricks per pack: 468

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

manufacturer:

Position: Head of Quality and Clay Services

Signed on behalf of the

al la la therea

Full name: Carl Cuthbert



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 Equivalent thermal conductivity:	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 anufacturer:

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, A	R/6040617 enting the following: g Products
			Measham, D	
BS EN 771-1:	2011		Confirms	that:
ANGLIAN LIGHT	BLEND			
06			ANGLIAN LIGI	IT BLEND
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plan	: 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/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 %		Regulat	01. EU NU 303/2011
Durability against freeze-thaw:	F2		Dimensional tolerances:	
Active soluble salt content:	S2		Tolerance category Range category 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:	1320 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	- 4000 L ( <sup>3</sup> (D4)
Configuration:	Vertically Perforated 15-20% Voids		Gross density:       1320 kg/m³ (D1)         Configuration:       Vertically Perforated 15-20% Voids         Equivalent thermal conductivity:       0.50 W/m.K [λ <sub>10.drv</sub> ]	
Equivalent thermal conductivity:	0.50 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 771-1:201			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/6040617

as la latheres Signed on behalf of the

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

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, DE	/6046718 hting the following: Products erstone Road,
BS EN 771-1:	2011	Confirms th	
CYGNET BL	END		
		CYGNET BL	END
06		Manufashiring Diante	
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturing Plant: I	KINGS DYKE
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	
		Regulation: EU No 305/2011	
Water absorption:	20 %	Dimensional tolerances:	
Durability against freeze-thaw:	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:	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):	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:	1320 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1320 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 15-20% Voids	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 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/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	
BS EN 771-1:	2011	Confirm	s that:
KELLOWAY YELLO	DW BLEND		
06		KELLOWAY YE	LOW BLEND
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	It: 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:	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 %	Regula	1011. EU NO 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:	1320 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 1320 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 15-20% Voids	Equivalent thermal conductivity:	n: Vertically Perforated 15-20% Voids
Equivalent thermal conductivity:	0.50 W/m.K [λ <sub>10,dry</sub> ]	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 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 771-1:201		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/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:

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 Performance DOP/HANUK/BR/6035422 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011		Confirms the	at:
HENDON BL	END			
06			HENDON BL	END
Category II, HD, 215 x 102.5 x 65	imm. clav masonry units		Manufacturing Plan	:: KIRTON
			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:	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:	15 %		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/mm <sup>2</sup> [⊥ bed face] 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: 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:	
Configuration:	Vertically Perforated 13-25% Voids		Gross density: 1530 kg/m <sup>3</sup> (D1) 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/6035422

Signed on behalf of the manufacturer:

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Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		ם The unde	DOP/HANUK/BR/	ting the following: Products Irstone Road,
BS EN 771-1:	2011		Confirms the	
HERITAGE AUTU	MN RED			
07		н	IERITAGE AUTU	MN RED
		Ma	anufacturing Plant	t: KIRTON
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		07	
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:	15 %		Regulation	
Durability against freeze-thaw:	F2	Dimensional tolerances:	ance category:	Τ2
Active soluble salt content:	S2	Ri	ange category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		30 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 value):	50/100	Reaction to fire: Bond strength (Fixed value from EN 99	98-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 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.Κ [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Moven	- nent:	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 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		nformity with the declared values, when installed 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.

Rela Cathlet Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

Date: 04 August 2015

## Dimensional tolerances:

Range category:R1Compressive strength:30 N/mm² [⊥ bed face]Water absorption:15 %Durability against freeze-thaw:F2Active soluble salt content:S2Reaction to fire:Class A1Bond strength (Fixed value from EN 998-2):0.15 N/mm²Water vapour diffusion coefficient (EN 1745 table value):50/100Direct airborne sound insulation:50/100Configuration:Vertically Perforated 13-25% VoidsEquivalent thermal conductivity:0.59 W/m.K [λ10,dry]Dimensional stability:NPDDangerous Substances:Se Note	Tol	erance category:	T2
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/mm²         Water vapour diffusion coefficient (EN 1745 table value):       50/100         Direct airborne sound insulation:       Gross density:       1530 kg/m³ (D1)         Configuration:       Vertically Perforated 13-25% Voids         Equivalent thermal conductivity:       0.59 W/m.K [λ <sub>10,dry</sub> ]         Dimensional stability:       NPD		Range category:	R1
Durability against freeze-thaw:       F2         Active soluble salt content:       S2         Reaction to fire:       Class A1         Bond strength (Fixed value from EN 998-2):       0.15 N/mm²         Water vapour diffusion coefficient (EN 1745 table value):       50/100         Direct airborne sound insulation:       50/100         Configuration:       Vertically Perforated 13-25% Voids         Equivalent thermal conductivity:       0.59 W/m.K [λ <sub>10,dry</sub> ]         Dimensional stability:       NPD         Sco Note       Sco Note	Compressive strength:		30 N/mm <sup>2</sup> [⊥ bed face]
Active soluble salt content:       S2         Reaction to fire:       Class A1         Bond strength (Fixed value from EN 998-2):       0.15 N/mm²         Water vapour diffusion coefficient (EN 1745 table value):       50/100         Direct airborne sound insulation:       50/100         Cross density:         1530 kg/m³ (D1)         Configuration:       Vertically Perforated 13-25% Voids         Equivalent thermal conductivity:       0.59 W/m.K [λ <sub>10,dry</sub> ]         Dimensional stability:       NPD         See Note       See Note	Water absorption:		15 %
Reaction to fire:       Class A1         Bond strength (Fixed value from EN 998-2):       0.15 N/mm²         Water vapour diffusion coefficient (EN 1745 table value):       50/100         Direct airborne sound insulation:       50/100         Cross density:         1530 kg/m³ (D1)         Configuration:       Vertically Perforated 13-25% Voids         Equivalent thermal conductivity:       0.59 W/m.K [λ <sub>10,dry</sub> ]         Dimensional stability:       NPD         Scon Note       Net	Durability against freeze-thaw:		F2
Bond strength (Fixed value from EN 998-2):       0.15 N/mm²         Water vapour diffusion coefficient (EN 1745 table value):       50/100         Direct airborne sound insulation:       50/100         Configuration:         Gross density:         0.15 N/mm²         Source         Direct airborne sound insulation:         Configuration:         Vertically Perforated 13-25% Voids         Equivalent thermal conductivity:       0.59 W/m.K [λ <sub>10,dry</sub> ]         Dimensional stability:       NPD         Soc Note       Soc Note	Active soluble salt content:		S2
Water vapour diffusion coefficient (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: 0.59 W/m.K [λ <sub>10,dry</sub> ] Dimensional stability: NPD	Reaction to fire:		Class A1
value): 50/100 Direct airborne sound insulation: Gross density: 1530 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 13-25% Voids Equivalent thermal conductivity: 0.59 W/m.K [λ <sub>10,dy</sub> ] Dimensional stability: NPD See Note	Bond strength (Fixed value from E	N 998-2):	0.15 N/mm <sup>2</sup>
Gross density:       1530 kg/m <sup>3</sup> (D1)         Configuration:       Vertically Perforated 13-25% Voids         Equivalent thermal conductivity:       0.59 W/m.K [λ <sub>10,dry</sub> ]         Dimensional stability:       NPD         See Note       See Note		(EN 1745 table	50/100
Configuration:       Vertically Perforated 13-25% Voids         Equivalent thermal conductivity:       0.59 W/m.K [λ <sub>10,dry</sub> ]         Dimensional stability:       NPD         See Note	Direct airborne sound insulation:		
Equivalent thermal conductivity:     0.59 W/m.K [λ <sub>10,dry</sub> ]       Dimensional stability:     NPD       See Note		Gross density:	1530 kg/m <sup>3</sup> (D1)
Dimensional stability: NPD		Configuration:	Vertically Perforated 13-25% Voids
	Dimensional stability:		NPD

Note: Information on Dangerous substances will only be 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		Declaration of Performance DOP/HANUK/BR/6512824 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
KIRTON 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		Declaration of Performance DOP/HANUK/BR/6010610 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6010610 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
RUFFORD RED	MULTI			
07		F	RUFFORD RED	MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Mar	nufacturing Plant	t: 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 %			
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: 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 998		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 1 value):	1/45 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 Moveme	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		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/6010610

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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/6002622 The undersigned, representing the following: Hanson Building Products Measham, Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011		Confirm	
SHERWOOD BUFF	MIXTURE	+		
06			SHERWOOD BU	IFF MIXTURE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing F	lant: 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/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 %		Negula	
Durability against freeze-thaw:	F2		Dimensional tolerances:	
Active soluble salt content:	S2		Tolerance categor Range categor Compressive strength:	
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 998-2): Water vapour diffusion coefficient (EN 1745 table	Class A1 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:	$4520 \text{ km/m}^3$ (D4)
Configuration:	Vertically Perforated 13-25% Voids		Gross densit Configuratio Equivalent thermal conductivity:	
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 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 771-1:201			The performance of the product identified above is in accordance with the manufacturer's instructions and ge	neral purpose or lightweight mortars.

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

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/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:

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 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 conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4 Regulation: 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

le la Cathelica Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



### **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 Cathlet

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

Date: 04 August 2015

# Dimensional tolerances:

Tolerance 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 EN 998-2):	0.15 N/mm <sup>2</sup>
Water vapour diffusion coefficient (EN 1745 table value):	50/100
Direct airborne sound insulation:	
Gross density:	1530 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids
Equivalent thermal conductivity: Dimensional stability: Dangerous Substances:	0.59 W/m.Κ [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



( (				n of P	Performance
Hanson Building I Measham Works, Athe			The undersigned, representing the following:		с с С
Measham, DE12 7EL		-	Measham V	n Building Norks, Athe sham, DE	erstone Road,
BS EN 771-1:	2011		C	Confirms th	nat:
VILLAGE RUSSET R	ED MIXTURE				
06			VILLAGE R	RUSSET R	ED MIXTURE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufac	turing Plar	t: KIRTON
Dimensional tolerances:				06	
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		
Vater absorption:	15 %			Regulation	n: EU No 305/2011
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance o	category:	T2
Active soluble salt content:	S2		Range o	category:	R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:		30 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
Nater 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):	Lable	50/100
Gross density:	1530 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross	s density:	1530 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids		Config	guration:	Vertically Perforated 13-25% Voids
quivalent 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 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 above accordance with the manufacturer's instructions		

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 Performance DOP/HANUK/BR/6035415 The undersigned, representing the following: Hanson Building Products Measham, Works, Atherstone Road, Measham, DE12 7EL	
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 be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-1:2011.			nformity with the declared values, when installed ral purpose or lightweight mortars.	

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

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 DEf	/6002127 hting the following: Products erstone Road,
BS EN 771-1:	2011	Confirms th	at <sup>.</sup>
BURGHLEY RED	RUSTIC		
15		BURGHLEY RED	RUSTIC
		Manufacturing Plan	
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:	25 N/mm² [⊥ 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:	F1	Dimensional tolerances:	T2
Active soluble salt content:	S2	Tolerance category: Range category:	T2 R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:	25 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:	F1 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
		value): Direct airborne sound insulation:	50/100
Gross density:	1570 kg/m <sup>3</sup> (D1)	Gross density: 1570 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 11-21% Voids	Configuration: Equivalent thermal conductivity:	Vertically Perforated 11-21% Voids 0.60 W/m.K [λ <sub>10.dr</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 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/6002127

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/6001922 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at:
NOTTINGHAM RE	DRUSTIC		
15		NOTTINGHAM RE	D RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plan	It: KIRTON
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:	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 %	Regulation	1. 20 NO 303/2011
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:	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 table value):	50/100
Gross density:	1570 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	1570 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-21% Voids	Configuration:	Vertically Perforated 11-21% Voids
Equivalent thermal conductivity:	0.60 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movement:	0.60 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 gener	

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

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/HANU The undersigned, rep Hanson Bui Measham Works Measham	f Performance K/BR/6008112 presenting the following: Iding Products a, Atherstone Road, a, 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 Hanson Road, Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011			DOP/ The undersign Hans Measham	/HANUK/BR/	ting the following: Products rstone Road, 2 7EL
BROWN RUS	STIC	-			
06			E	BROWN RUS	STIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufa	facturing Plant	:: 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		mm, 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 %			Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F1		Dimensional tolerances:	e category:	Т2
Active soluble salt content:	S2			e category:	R1 20 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1		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 174 value):	15 table	5/10
Gross density:	1520 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:	ss density:	1520 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-16% Voids			nfiguration:	Vertically Perforated 11-16% Voids 0.55 W/m.K [λ <sub>10,dry</sub> ]
Equivalent thermal conductivity:	0.55 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 onl 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 i al purpose or lightweight mortars.

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

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			Declaration of DOP/HANUK/B The undersigned, represe Hanson Buildin, Measham Works, At	R/6003018 enting the following: g Products
			Measham, Di	
BS EN 771-1:	2011		Confirms	that:
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>
Dimensional television			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:	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	
Water absorption:	19 %		Regulati	on: EU No 305/2011
Durability against freeze-thaw:	F1		Dimensional tolerances:	
Active soluble salt content:	S2		Tolerance category Range category Compressive strength:	
Reaction to fire:	Class A1		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/m <sup>3</sup> (D1)		Direct airborne sound insulation:	4500 L ( <sup>3</sup> (D4)
Configuration:	Vertically Perforated 11-16% Voids		Gross density Configuration 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 only appropriate form. See Annex ZA3 of BS EN 771-1:201	/ be given when and where required in the 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 in or accordance with the manufacturer's instructions and gen	eral purpose or lightweight mortars.

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

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 P DOP/HANUK/BR The undersigned, represer Hanson Building Measham Works, Athe Measham, DE1	/6015721 hting the following: Products erstone Road,
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		· · · · ·	
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	
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	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, Measham, DE12 7EL		Declaration of DOP/HANUK/E The undersigned, repres Hanson Buildir Measham Works, A Measham, D	R/6036313 eenting the following: g Products therstone Road,	
BS EN 771-1:	2011	Confirms		
CLUMBER F	RED			
08		CLUMBE	RRED	
		Manufacturing Pl	ant: KIRTON	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	08		
Dimensional tolerances:		00		
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:	17 %	Regular	ion: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	т: Т2	
Active soluble salt content:	S2	Range category	r: R1	
Reaction to fire:	Class A1	Compressive strength: Water absorption:	30 N/mm <sup>2</sup> [⊥ 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 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): Direct airborne sound insulation:	50/100	
Gross density:	1530 kg/m <sup>3</sup> (D1)	Gross density		
Configuration:	Vertically Perforated 13-25% Voids	Configuratior Equivalent thermal conductivity:	: Vertically Perforated 13-25% Voids 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	
Dimensional stability:	NPD	Dangerous Substances: Note: Information on Dangerous substances will on	See Note	
Dangerous Substances:	See Note	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 get		

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 F DOP/HANUK/BR The undersigned, represen Hanson Building Measham Works, Ath Measham, DE	/6036412 nting the following: Products erstone Road,	
BS EN 771-1:	2011		Confirms th		
CLUMBER RED N	<b>MIXTURE</b>				
08			CLUMBER RED	MIXTURE	
Category II, HD, 215 x 102.5 x 65			Manufacturing Plar	nt: <b>KIRTON</b>	
Calegory II, HD, 215 X 102.5 X 65			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:		
Active soluble salt content:	S2		Tolerance category: Range category:	T2 R1	
			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 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:	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	ral purpose or lightweight mortars.	

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

Ale 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 F DOP/HANUK/BR The undersigned, represe Hanson Building Measham Works, Ath	/6035514 nting the following: Products erstone 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 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/6035514

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/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.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 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 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
HERITAGE AUTU	MN BUFF				
07			н	IERITAGE AUTUI	MN BUFF
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units		Ma	lanufacturing Plant	t: 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		Appay ZA of BS EN ZZ1 1:2011 System 4
			Regulation: EU No 305/2011		
Water absorption:	20 %		Dimensional tolerances:		
Durability against freeze-thaw:	F2		Toler	rance category:	T2
Active soluble salt content:	S2		Compressive strength:	ange category:	R1 30 N/mm <sup>2</sup> [⊥ 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:		F2 S2
Water vapour diffusion coefficient (EN 1745 table	5/10		Reaction to fire: Bond strength (Fixed value from EN 99	08-2).	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:			Water vapour diffusion coefficient (EN value):		5/10
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 11-21% Voids			Configuration:	Vertically Perforated 11-21% Voids
Equivalent thermal conductivity:	0.54 W/m.K [λ <sub>10,dry</sub> ]		Dimensional stability / Moisture Moven	ment:	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 subst appropriate form. See Annex ZA3 of B3	tances will only b S 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 identifie accordance with the manufacturer's instru		formity with the declared values, when installed a purpose or lightweight mortars.

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

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		DOP/HA The undersigned, Hanson Measham Wo	NUK/BR represer Building	Products erstone Road,
BS EN 771-1:	2011	Co	onfirms th	at:
LINDUM BARLEY	MIXTURE			
07		LINDUM	BARLEY	MIXTURE
		Manufactu	ring Plar	It: KIRTON
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manuada	0	
Dimensional tolerances:			07	
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		9 Standard: BS EN 771-1:2011
Range category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		omm, 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:	20 %	Н	legulation	n: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:		
Active soluble salt content:	S2	Tolerance ca Range ca		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 ta value):	DIE	5/10
Gross density:	1520 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross of	loneitur	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.K [λ <sub>10,dry</sub> ] NPD
Dimensional stability:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerous substances wappropriate form. See Annex ZA3 of BS EN 77		
Note: Information on Dangerous substances will only appropriate form. See Annex ZA3 of BS EN 771-1:207		The performance of the product identified above accordance with the manufacturer's instructions a		nformity with the declared values, when installed ral 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 Performance DOP/HANUK/BR/6040228 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011		Confirms th	at:	
MELFORD YE	LLOW				
06			MELFORD YEI	LLOW	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plan	t: KIRTON	
			06		
Dimensional tolerances: 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	Description			
Compressive strength:	30 N/mm <sup>2</sup> [⊥ bed face]	Provision t	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 %	Dimensional (a)			
Durability against freeze-thaw:	F2	Dimensional tol	Ierances: Tolerance category:	T2	
Active soluble salt content:	S2	Commonstive of	Range category:	R1 30 N/mm² [⊥ bed face]	
Reaction to fire:	Class A1	Compressive st Water absorption		20 %	
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability again Active soluble s		F2 S2	
Water vapour diffusion coefficient (EN 1745 table		Reaction to fire	:	Class A1	
value):	5/10		(Fixed value from EN 998-2): iffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>	
Direct airborne sound insulation:		value):		5/10	
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 11-21% Voids	Fauivalent ther	Configuration: mal conductivity:	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> ]	Dimensional sta	ability / Moisture Movement:	NPD	
Dimensional stability:	NPD	Dangerous Sub		See Note	
Dangerous Substances:	See Note		on on Dangerous substances will only t m. 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 installe accordance with the manufacturer's instructions and general purpose or lightweight mortars.		

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/HANU The undersigned, rep Hanson Bui Measham Works	f Performance K/BR/6035316 presenting the following: Iding Products , Atherstone Road,
BS EN 771-1:			n, DE12 7EL ms that:
VILLAGE GREY	SIONE		
06		VILLAGE	GREYSTONE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing	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	
		Regulation: EU No 305/2011	
Water absorption:	20 %	Dimensional tolerances:	
Durability against freeze-thaw:	F2	Tolerance categ	ory: T2
Active soluble salt content:	S2	Range categ Compressive strength:	ory: 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	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
		value): Direct airborne sound insulation:	0,10
Gross density:	1520 kg/m <sup>3</sup> (D1)	Gross den	
Configuration:	Vertically Perforated 11-21% Voids	Configurat Equivalent thermal conductivity:	ion: 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> ]	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/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	
BS EN 771-1:	2011	Con	firms that:
CHATSWORTH GR	EY RUSTIC		
06		CHATSWOR	TH GREY RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturi	ng Plant: <b>KIRTON</b>
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:	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 %		
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance cate	gory: T2
Active soluble salt content:	S2	Compressive strength:	
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 table value):	<b>e</b> 5/10
Gross density:	1370 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	nsitv: 1370 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 11-16% Voids	Configura	ation: 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.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 deneral 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 rstone Road,
BS EN 771-1:	2011		Confirms the	at:
EDWARDIAN DRA	GFACED			
06		ED	OWARDIAN DRA	GFACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ма	anufacturing Plant	: 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		mm, 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 %		Regulation	. EU NU 303/2011
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:		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:	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 i 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 the	at:
LINDUM COTTAGE	RED MULTI			
07		LINDU	UM COTTAGE I	RED MULTI
Category II, HD, 215 x 102.5 x 65	mm. clav masonry units	Man	nufacturing Plant	:: KIRTON
	,,,		07	
Dimensional tolerances:				Standard: DS 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:	14 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	nce category:	Т2
Active soluble salt content:	S2	Ran	nge category:	R1
Reaction to fire:	Class A1	Compressive strength: Water absorption:		35 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: 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 1		0.15 N/mm <sup>2</sup> 50/100
	4500 km/m <sup>3</sup> (D4)	value): Direct airborne sound insulation:		
Gross density:	1530 kg/m <sup>3</sup> (D1)	G	Fross density:	1530 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 13-25% Voids	C Equivalent thermal conductivity:	Configuration:	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 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		
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 i al purpose or lightweight mortars.

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

le la Cathelica Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:



#### **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

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/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 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		Μ	Ianufacturing Plant	:: 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		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	. 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

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			Declaration of Performance DOP/HANUK/BR/6036214 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011		Confirms th	at:
THORESBY BUF	FMULTI			
08			THORESBY BUF	FMULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant: KIRTON	
Dimensional tolerances:			08	
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:	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/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): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:			value):	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		Configuration:         Vertically Perforated 11-21% Voids           Equivalent thermal conductivity:         0.54 W/m.K [λ <sub>10.dv</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 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 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/6036214

as la lathere 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/6080019 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
ATHERSTONE	E RED	-		
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:			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) Froggad 8 18% Voida
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 the	nat:
ATHERSTONE RE	ED MULTI		
15		ATHERSTONE R	ED MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: <b>ME</b> A	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 %	Kegulato	
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 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	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 65	mm, 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

As la latheren

Full name: Carl Cuthbert

in

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 F DOP/HANUK/BR The undersigned, represen Hanson Building Measham Works, Ath Measham, DE	/6090414 nting the following: Products erstone Road, 12 7EL
		Confirms th	at:
AUTUMN GLOW MU	ILTI STOCK		
15		AUTUMN GLOW MU	JLTI 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:	Τ2	Conforms to the Harmonised Europear	9 Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65	mm, 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	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 ka/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.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/6090414

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 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 65	5mm. clav 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 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, DE Confirms th	/6090711 nting the following: Products erstone Road, 12 7EL
CAVERSH	AM		
15		CAVERSH	АМ
Category II, HD, 215 x 102.5 x 65	mm day masonry units	Manufacturing Plant: MEA	SHAM HENRY 2
		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 %	Regulation	1. 20 10 303/2011
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: 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: 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 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/6090711

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 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 65	5mm, 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

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 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 BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represer Hanson Building I Measham Works, Athe Measham, DE1 Confirms th	6090711 hting the following: Products erstone Road, 2 7EL
HAMPTON RURAL BL	END STOCK		
15		HAMPTON RURAL BI	LEND 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 %	Regulation	I. EU NU 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:	20 N/mm² [⊥ bed face] 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:	Sz 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,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 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 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>/6080910</b> nting the following: Products erstone Road, 2 7EL
OAKTHORPE RE	D STOCK		
15		OAKTHORPE RE	D 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:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011	
0,7		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: 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 co accordance with the manufacturer's instructions and generations and generations are set of the se	

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/m³ (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 BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represer Hanson Building I Measham Works, Athe Measham, DE1	<b>/6091114</b> hting the following: Products erstone Road, 2 7EL
		Confirms th	at:
RICHMOND SMOKED	RED BLEND	RICHMOND SMOKED	
15		KICHWOND SWORED	RED BLEND
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:	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 %	Regulation	1. 20100 303/2011
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/m³ (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/6091114

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, represen Hanson Building Measham Works, Ath Measham, DE	/ <b>6091015</b> nting the following: Products erstone Road,
BS EN 771-1:	2011	Confirms th	nat:
WESTCROFT RE	D MULTI		
15		WESTCROFT RE	ED MULTI
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 Europear	n Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 65	5mm, clay masonry units
Compressive strength:	20 N/mm² [⊥ bed face]	Provision to which the product conforms: Standard	Anney 74 of BS EN 771-1-2011 System 4
			n: 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/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water absorption: Durability against freeze-thaw:	13 % 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>
Value). 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 ka/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.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/6091015

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	6080316 hting the following: Products erstone Road, 2 7EL
ATHERSTONE	BUFF		
15		ATHERSTONE	BUFF
Category II, HD, 215 x 102.5 x 65	mm clav masonry units	Manufacturing Plant: MEA	SHAM HENRY 2
		15	
Dimensional tolerances:		Conforms to the Harmonised European	Standard: DS EN 771 1.2011
Tolerance category:	T2	Conforms to the Harmonised European	Standard: <b>BS EN // I-1:2011</b>
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 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2
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/m³ (D1)	Direct airborne sound insulation:	4700 h-/- <sup>3</sup> (D4)
Configuration:	Frogged 5-15% Voids	Gross density: Configuration:	1700 kg/m <sup>3</sup> (D1) 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.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/6080316

le la la there Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

Date: 04 August 2015

in



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6090117 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
		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 Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6090919 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
BELGRAVIA 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 Measham 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	mm, clay masonry units	Manufacturing Plant: MEA	SHAM HENRY 2	
<b>_</b> , , , , ,		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:	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		
Water absorption:	11 %	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:	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		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:	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.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		
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/6090513

ale 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 BS EN 771-1:2011		Declaration of DOP/HANUK/BR DOP/HANUK/BR The undersigned, represe Hanson Building Measham Works, Ath Measham, DE Confirms t	R/6080712 enting the following: Products nerstone Road, 12 7EL	
KENTISH MULTI STOCK S	PECIAL RESERVE			
15		KENTISH MULTI STOCK	SPECIAL RESERVE	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: ME	ASHAM HENRY 2	
<b>-</b>		15		
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:	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		
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	
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:	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	
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 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/6080712

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 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 Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of F DOP/HANUK/BR The undersigned, represe Hanson Building Measham Works, Ath Measham, DE Confirms th	/ <b>6080514</b> nting the following: Products erstone Road, 12 7EL	
OAKTHORPE BUI	F STOCK			
15		OAKTHORPE BU	FF STOCK	
Category II, HD, 215 x 102.5 x 65	imm, 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:	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		
Water absorption:	11 %	Regulatio	n: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	Τ2	
Active soluble salt content:	S2	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 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:	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 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/6080514

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/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: BLUE BRINDLE			Confirms the	at:
	RUSTIC	ы	LUE BRINDLE I	
09		DL		RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	acturing Plant: V	VILNECOTE
			09	
Dimensional tolerances:		Conforma to the Harmon		Ctondord: BS EN 771 4-2014
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 %		- 3	
Durability against freeze-thaw:	F2	Dimensional tolerances:	nce category:	Т2
Active soluble salt content:	S2		ige 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 17 value):	745 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 20-25% Voids	Co	onfiguration:	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 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 instruct		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:	2011	Co	onfirms the	at:
BLUE BRINDLE S	SMOOTH			
06		BLUE BF	RINDLE S	моотн
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturin	ig 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		
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 %		legulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance ca	tegory:	Т2
Active soluble salt content:	S2	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):	DIE	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross of	lensity <sup>.</sup>	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids	Equivalent thermal conductivity:		Vertically Perforated 20-28% 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 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 771-1:20		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.

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

Other Information: Dry weight per brick: 2.5 kg Bricks per pack: 448

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

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/6074711 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6074711 hting the following: Products erstone Road, 2 7EL
COUNTY MULTI	RUSTIC			
06			COUNTY MULTI	RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ма	anufacturing Plant: N	WILNECOTE
Dimensional tolerances:			06	
		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/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: Tole	erance 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 Water vapour diffusion coefficient (E		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 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		nformity with the declared values, when installed ir al purpose or lightweight mortars.

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:		6078412 hting the following: Products erstone Road, 2 7EL
COUNTY RED F	RUSTIC			
06			COUNTY RED F	RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ма	anufacturing Plant: V	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/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:		S2
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Reaction to fire: Bond strength (Fixed value from EN S		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:	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 Move	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 identif accordance with the manufacturer's inst		nformity 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/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:	2011		Confirms the	at:
DARK MOROCCA	N RUSTIC			
06		Di	ARK MOROCCA	N RUSTIC
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Man	ufacturing Plant: <b>V</b>	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 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 %		rtegulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	rance category:	Τ2
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 99		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN value):	11/45 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 20-25% Voids		Configuration:	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 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		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/6073318

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/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:

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/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 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	. 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 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/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: <b>BS EN 771-1:2011</b>		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 %		riegulation	
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	Equivalent thermal conductivity:	Configuration:	Vertically Perforated 20-28% 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 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 Regulation: EU No 305/2011	
Water absorption:	7 %	Regulatio	II. EU NU 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: 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 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/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 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/6076517 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
DARK MOROCCAN SI	NOOTH 73mm	DARK MOROCCAN S	MOOTH 73mm
11			
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant:	WILNEGUIE
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	
,		Dravisian to which the product confermal Standard Append 74 of DC EN 774 4:0044 System 4	
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	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:	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
		value): Direct airborne sound insulation:	30/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Gross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids	Configuration: Equivalent thermal conductivity:	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 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/6076517

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/6072328 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6072328 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
BLUE BRINDLE RU	STIC 73mm			
06		BLUE	E BRINDLE RUS	STIC 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufa	acturing 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		
Water absorption:	7 %		Regulation	:: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	nce category:	<b>T</b> 2
Active soluble salt content:	S2		nge 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 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:	iross density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-25% Voids		Configuration:	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 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		nformity with the declared values, when installed ir 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		DC The unders Ha Measha	OP/HANUK/BR/	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 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	. 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	С	ross 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.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 Regulation: EU No 305/2011		
Water absorption:	7 %		Regulation	: 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	Co	onfiguration:	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			
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 %		Regula	tion: 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 densit Configuratio	
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 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/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: Configuration:	1800 kg/m <sup>3</sup> (D1) 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: Dangerous Substances:	NPD See Note
Dimensional stability:	NPD See Note	Note: Information on Dangerous substances will only b	
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 DARK MULTI SMOOTH 73mm		Declaration of Performance DOP/HANUK/BR/6078511 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
10		DARK MULTI S	MOOTH 73mm
Category II, HD, 215 x 102.5 x 73	mm clay masonry units	Manufacturing Pla	ant: WILNECOTE
		1	D
Dimensional tolerances:		Oraclements the Unexperience Durantee 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 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 %	Regul	ation: EU No 305/2011
Durability against freeze-thaw:	F2	 Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance catego Range catego	ry: 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):	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 densi	<b>ty:</b> 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Equivalent thermal conductivity:	on: 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.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	n conformity with the declared values, when installed ir eneral purpose or lightweight mortars.

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 DOP/HANUK/ The undersigned, repre Hanson Buildi Measham Works, A Measham, D	<b>3R/6078115</b> senting the following: ng Products therstone Road, DE12 7EL	
10		DARK MULTI R	USTIC 73mm	
		Manufacturing Pla	nt: WILNECOTE	
Category II, HD, 215 x 102.5 x 73	mm, cay masonry units	10		
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/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:		
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):	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 densit		
Configuration:	Vertically Perforated 20-25% Voids	Configuratio Equivalent thermal conductivity:		
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 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/6078115

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/6078023 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 73mm** MIXED BROWN BRINDLE RUSTIC 73mm 06 Manufacturing Plant: WILNECOTE Category II, HD, 215 x 102.5 x 73mm, 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 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> 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

Other Information: Dry weight per brick: 2.8 kg Bricks per pack: 384

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

value):

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

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 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		
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 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 P DOP/HANUK/BR/ The undersigned, represer Hanson Building I Measham Works, Athe Measham, DE1	/6077019 hting the following: Products erstone Road,	
BS EN 771-1:	2011	Confirms th	at:	
COUNTY MULTI DRAG	FACED 73mm			
06		COUNTY MULTI DRAG	FACED 73mm	
		Manufacturing Plant: V	WILNECOTE	
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		
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:	T2	
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		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:	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.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/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 BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6076913 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
		Confirms	that:
COUNTY MULTI RU	STIC 73mm		
06		COUNTY MULTI F	USTIC 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plan	t: 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 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 Regulation: EU No 305/2011	
Water absorption:	7 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	: 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:	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:	: Vertically Perforated 20-25% 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 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 get	

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 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

as la latheren

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/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 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

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/6073622 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6073622 ting the following: Products irstone Road, 2 7EL
COUNTY RED SMO	0TH 72mm		Coniims 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 Har	monised 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 %		rtegulation	
Durability against freeze-thaw:	F2	Dimensional tolerances:	erance category:	Т2
Active soluble salt content:	S2		Range 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		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/HA The undersigned, Hanson Measham W	NUK/BR	erstone Road,
BS EN 771-1:	2011	C	onfirms th	hat:
FARMHOUSE BROWN	SANDFACED			
13		FARMHOUSE	BROWN	I SANDFACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturir	ng Plant:	WILNECOTE
			13	
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		
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 %	L. L	Regulation	1. EU NU 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance ca	togon/	To
Active soluble salt content:	S2	Range ca		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	50/100	Reaction to fire:		Class A1
value):	50/100	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):		50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross of	density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Config	uration:	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 a 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		

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 Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011 GOLDEN BROWN SANDFACED		Declaration of Performance DOP/HANUK/BR/6074612 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
13	ANDFAGED	GOLDEN BROWN	SANDFACED	
		Manufacturing Plan		
Category II, HD, 215 x 102.5 x 65	mm, day masonry units	13		
Dimensional tolerances:				
Tolerance category:	Т2	Conforms to the Harmonised Europe	an 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 %	Regulat	ion: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category	т: Т2	
Active soluble salt content:	S2	Range category	r: 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:	- 4000 h - ( <sup>3</sup> (D4)	
Configuration:	Vertically Perforated 23-28% Voids	Gross density 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 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 get		

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		Declaration of Performance DOP/HANUK/BR/6074117 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6074117 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
COUNTY MULTI DR	AGFACED			
06		COUN	NTY MULTI DR	AGFACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	acturing 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/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:	nce category:	Т2
Active soluble salt content:	S2		ige 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:		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 23-28% Voids		onfiguration:	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 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 a 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/6074117

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/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		
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 prstone Road,
BS EN 771-1:	2011		Confirms the	at:
COUNTY RED DR	AGFACED			
06		COL	UNTY RED DRA	AGFACED
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufa	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	E EU NO 305/2011
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:	Fross 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 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		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		nformity 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/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		
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	. 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 anufacturer:

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 Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/BR/6072618 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6072618 ting the following: Products prstone Road,
BS EN 771-1:	2011		Confirms the	
DARK MULTI SI	моотн			
06		DAR	RK MULTI SM	иоотн
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 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 %		Regulation	. 20 10 303/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	e category:	Т2
Active soluble salt content:	S2		e 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:		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 TADIE	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	ss density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids		figuration:	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 Movement:	:	NPD
Dimensional stability:	NPD	Dangerous Substances:	المعادمة الأسم	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 771-1:201		The performance of the product identified abo 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/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		Declaration of Performance DOP/HANUK/BR/6075114 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6075114 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms that	at:
DARK TAME V	ALLEY			
06		D	ARK TAME VA	ALLEY
Category II, HD, 215 x 102.5 x 65	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 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:	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: 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 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids		onfiguration:	Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10,dry</sub> ]	Dimensional stability / Moisture Movemen	nt:	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 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/6075114

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/6076418 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
MILLENNIUM	RED			
06		MILLENNIUN	RED	
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 %	Regulation: EU No 305/2011		
•		Dimensional tolerances:		
Durability against freeze-thaw:	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:	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.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		

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

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

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

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/6074919 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6074919 hting the following: Products erstone Road, 2 7EL
ORANGE ANTIQU	JE MULTI			
06	-		ORANGE ANTIQU	JE MULTI
		Ma	anufacturing Plant: V	WILNECOTE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units			
Dimensional tolerances:			06	
Tolerance category:	T2	Conforms to the Ha	rmonised 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 %		Rogulation	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tol	lerance category:	T2
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 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 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		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 identi accordance with the manufacturer's ins		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: 504

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 Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6077316 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
TAME VALLEY RED	DMIXTURE			
10		TAME VAL	LEY RED MIXTURE	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturin	g Plant: WILNECOTE	
Dimensional tolerances:			10	
		Conforms to the Harmonised European Standard: BS EN 771-1:2011		1
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 cat	tegory: T2	
Active soluble salt content:	S2	Range ca	tegory: 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):	00/100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 tal	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 d	lensity: 1800 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 23-28% Voids	Configu Equivalent thermal conductivity:	iration: 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.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		equired 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/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:

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/677773 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 B	3 SOLID 65MM	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	WILNECOTE	
Dimensional tolerances:		08		
	To	Conforms to the Harmonised European	9 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	1. 20 10 303/2011	
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: 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:	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.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 co accordance with the manufacturer's instructions and gener		

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

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/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		Declaration of Performance DOP/HANUK/BR/6077514 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6077514 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		
Range category:	R1	Category II, HD, 215 x 102.5 x 75mm, 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

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		Declaration of Performance DOP/HANUK/BR/6075718 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road,		6075718 ting the following: Products rstone Road,
BS EN 771-1:			Measham, DE1 Confirms the	
BRINDLEY B	UFF			
06			BRINDLEY B	UFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Mar	nufacturing 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:	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 000/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	ropoo ootogoruu	<b>T</b> 2
Active soluble salt content:	S2		rance category: Range category:	T2 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 9		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (EN 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 23-28% Voids	Foreign land the second second section is	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 Move	ment:	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 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 in 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 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/6077118 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
SMOOTH B	JFF	SMO	OTH BUFF	
13				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing	Plant: WILNECOTE	
Dimensional tolerances:			13	
Tolerance category:	T2	Conforms to the Harmonised E	rropean Standard: BS EN 771-1:2011	
Range category:		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 %	Re	gulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance cate	egory: T2	
Active soluble salt content:	S2	Range cate	gory: 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 tab value):	le 50/100	
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross de	<b>nsity:</b> 1700 kg/m <sup>3</sup> (D1)	
Configuration:	Vertically Perforated 23-28% Voids	Configu	ation: 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 wi appropriate form. See Annex ZA3 of BS EN 771	II 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 ir dependent of the declared values.	

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		Declaration of Performance DOP/HANUK/BR/6077217 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Confirms th	at	
TAME VALLEY BUFF	DRAGFACED			
		TAME VALLEY BUFF	DRAGFACED	
10				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: N	WILNECOTE	
Dimensional (slamma)		10		
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:	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 category:	Τ2	
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:	F2	
	0.15 N/MM	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 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,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 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/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 Confirms that:		6077118 hting the following: Products erstone Road, 2 7EL
TAME VALLEY SMO	DOTH BUFF			
10		т	TAME VALLEY SMC	OOTH BUFF
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	М	lanufacturing Plant: V	VILNECOTE
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:	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		lerance category: 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		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapour diffusion coefficient (I value):	EN 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 23-28% Voids	Configuration: Vertically Perforated 23-28% Voids		Vertically Perforated 23-28% Voids
Equivalent thermal conductivity:	0.76 W/m.K [λ <sub>10,dry</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Mov	vement:	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 sul appropriate form. See Annex ZA3 of	bstances will only b f 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 ident 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/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		Declaration of DOP/HANUK/BI DOP/HANUK/BI The undersigned, represe Hanson Building Measham Works, Att Measham, DE	R/6078610 enting the following: I Products herstone Road,
BS EN 771-1:	2011	Confirms t	hat:
DOVEDALE GREY DRA	GFACED 73MM		
13		DOVEDALE GREY DR.	AGFACED 73MM
Category II, HD, 215 x 102.5 x 73	mm clay masonry units	Manufacturing Plant:	WILNECOTE
		13	
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 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 %	Regulatio	JII: EU NO 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:	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	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:	
Configuration:	Vertically Perforated 23-28% Voids	Configuration: Equivalent thermal conductivity:	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 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/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		Declaration of Performance DOP/HANUK/BR/6078719 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms	that:
MILLDALE GREY MULTI D	RAGFACED 73MM		
13		MILLDALE GREY MULTI	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:		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	
Water absorption:	10 %	Regulation: EU No 305/2011	
Durability against freeze-thaw:	F2	Dimensional tolerances:	
		Tolerance category Range category	
Active soluble salt content:	S2	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 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:	0.76 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 771-1:20	
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 gen	

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

Other Information: Dry weight per brick: 2.4 kg Bricks per pack: 384

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

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/6077415 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:	2011	Confirms th	at <sup>.</sup>
TAME VALLEY SMOOT	H BUFF 73MM		
15		TAME VALLEY SMOOT	TH BUFF 73MM
		Manufacturing Plant:	WILNECOTE
Category II, HD, 215 x 102.5 x 73	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 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:	70
Active soluble salt content:	S2	Tolerance category: Range category:	T2 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 998-2):	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:	$1800 \text{ km/m}^3$ (D1)
Configuration:	Vertically Perforated 23-28% Voids	Gross density: 1800 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 23-28% Voids	
Equivalent thermal conductivity:	0.76 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 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/6077415

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/6075725 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
BRINDLEY BUF	- / 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:	$1800 kg/m^3$ (D1)
Configuration:	Vertically Perforated 23-28% Voids		Gross density: 1800 kg/m <sup>3</sup> (D1) Configuration: Vertically Perforated 23-28% Voids	
Equivalent thermal conductivity:	0.76 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

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/6077811 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		/6077811 hting the following: Products erstone Road, 2 7EL
SMOOTH BUFF	73MM			
13		SMO	OTH BUFF	73MM
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufactu	iring Plant: <b>\</b>	WILNECOTE
			13	
Dimensional tolerances:		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 73mm, 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 %		rtogulation	
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:		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):	50/100	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:	1800 kg/m <sup>3</sup> (D1)		s density:	1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 23-28% Voids	Configuration: Vertically Perforated 23-28% Voids		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 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 abo 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/6077811

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/6078917 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
BLENDED BRI	CKS 1	BLENDED B	DICKS 4	
13		BLENDED B	RICKST	
Category II, HD, 215 x 102.5 x 65	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:		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 %	Regulat	ion: EU No 305/2011	
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: 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 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 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:	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 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/6078917

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/6079013 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		6079013 ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	at:
BLENDED BRI	CKS 2			
13			BLENDED BRI	CKS 2
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Man	ufacturing Plant: V	VILNECOTE
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/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: Toler	rance category:	Т2
Active soluble salt content:	S2		ange category:	R1 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 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):	11/45 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> ]	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 identified accordance with the manufacturer's instru-		nformity with the declared values, when installed ir 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 hting the following: Products erstone Road, 2 7EL
BLENDED BRI	CKS 3			CK2 3
13				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Ма	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		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:	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 S		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 I	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/6079112

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/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:				
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 Measham Works, Atherstone Road, Measham, DE12 7EL		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 rrstone Road,
BS EN 771-1:	2011		Confirms th	at:
BLENDED BRI	СКЅ 5			
13		BLE	INDED BRI	CKS 5
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufactu	iring Plant: N	VILNECOTE
			13	
Dimensional tolerances: 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/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	ootogony	Т2
Active soluble salt content:	S2		category:	TZ 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):	table	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation:	s density:	1700 ka/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids		iguration:	Vertically Perforated 20-28% 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 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 abo accordance with the manufacturer's instructions	s and gener	nformity with the declared values, when installed ir 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 BLENDED BRICKS 6		Declaration of Performance DOP/HANUK/BR/6079419 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
13		BLENDED	BRICKS 6
		Manufacturing Pl	ant: WILNECOTE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	-	
Dimensional tolerances:			3
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 %	Regu	ation: EU No 305/2011
Durability against freeze-thaw:	F2	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance catego Range catego	ry: 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): Direct airborne sound insulation:	66,100	Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup> 50/100
	4700 her/er <sup>3</sup> (D4)	value): Direct airborne sound insulation:	00/100
Gross density:	1700 kg/m <sup>3</sup> (D1)	Gross dens	
Configuration:	Vertically Perforated 20-28% Voids	Configurati Equivalent thermal conductivity:	on: 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 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	n conformity with the declared values, when installed ir eneral purpose or lightweight mortars.

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

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/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			BLENDED BRI	CKS 7
13				
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Man	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		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:		To
Active soluble salt content:	S2	R	rance category: lange category:	T2 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:		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):	11/45 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 Mover	ment:	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 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.

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

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/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 Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/BR/6079716 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		1 <b>79716</b> Ig the following: oducts tone Road,
BS EN 771-1:	2011		Cor	firms that:	
BLENDED BRI	CKS 9				
13			BLEND	ED BRICK	(S 9
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing	Plant: WIL	LNECOTE
Dimensional tolerances:				13	
Tolerance category:	Τ2		Conforms to the Harmonised European Standard: BS EN 771-1:2011		tandard: BS EN 771-1:2011
Range category:	R1		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		n, 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 %				0 10 303/2011
Durability against freeze-thaw:	F2		Dimensional tolerances: Tolerance cate		Τ2
Active soluble salt content:	S2		Compressive strength:	gory: F	R1 50 N/mm² [⊥ bed face]
Reaction to fire:	Class A1		Water absorption:	1	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 tab value):	e 5	50/100
Gross density:	1700 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross de	nsitu: 4	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids		Configur Equivalent thermal conductivity:	ation: \	Vertically Perforated 20-28% 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:	١	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		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		J	The performance of the product identified above accordance with the manufacturer's instructions ar		

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 Heasham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6079815 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
BLENDED BRIG		BLENDED E	RICKS 10
15			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	nt: WILNEGOTE
Dimensional tolerances:		15	
Tolerance category:	To	Conforms to the Harmonised Europ	ean Standard: BS EN 771-1:2011
		Category II, HD, 215 x 102.5 x 65mm, clay 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 %	ç	
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:	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 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 densit	<b>y:</b> 1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids	Configuratio	n: 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.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/6079815

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

As la latheres



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of Performance DOP/HANUK/BR/6079914 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
BLENDED BRIG	CKS 11	BLENDED BRI	CKS 11
15			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant:	WILNECOTE
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:	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 %		
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance category:	T2
Active soluble salt content:	S2	Range category: Compressive strength:	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	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:	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 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 771-1:20		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/6079914

ale la lathering F

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/6072717 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		6072717 ting the following: Products rstone Road, 2 7EL
BLENDED BRIG	CKS 12			
15		BL	LENDED BRIC	CKS 12
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufac	cturing Plant: V	VILNECOTE
Dimensional tolerances:			15	
	To	Conforms to the Harmonised European Standard: BS EN 771-1:2011		Standard: BS EN 771-1:2011
Tolerance category:		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm_clay_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 %	<b>-</b>	•	
Durability against freeze-thaw:	F2	Dimensional tolerances: Toleranc	ce category:	T2
Active soluble salt content:	S2	Rang Compressive strength:	ge category:	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:	2).	Class A1 0.15 N/mm <sup>2</sup>
value): Direct airborne sound insulation:		Bond strength (Fixed value from EN 998-2 Water vapour diffusion coefficient (EN 17		0.15 N/mm 50/100
	$1700  km/m^3$ (D1)	value): Direct airborne sound insulation:		
Gross density:	1700 kg/m <sup>3</sup> (D1)	Gro	oss density:	1700 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 20-28% Voids	Equivalent thermal conductivity:	onfiguration:	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 Movemen	nt:	NPD See Note
Dimensional stability:	NPD See Note	Dangerous Substances: Note: Information on Dangerous substance	ces will only h	
Dangerous Substances:	See note	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/6072717

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/6076012 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
BLENDED BRIG	SNO 13	BLENDED B	RICKS 13
15			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	t: WILNEGOTE
Dimensional tolerances:		15	
	<b>T</b> 0	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:	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 %	Кедиа	
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:	50 N/mm <sup>2</sup> [⊥ bed face] 10 %
	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:	1700 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 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 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 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/6076012

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		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:	Τ2
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 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 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

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

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

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

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/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 kgBricks per pack:504

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

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/6076319 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011		Confirms th	at:	
YELLOW ANTIQU	IE MULTI				
06			YELLOW ANTIQU	JE MULTI	
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:	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	
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:	1700 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation:		
Configuration:	Vertically Perforated 23-28% Voids		Gross density: Configuration: Equivalent thermal conductivity:	1700 kg/m <sup>3</sup> (D1) Vertically Perforated 23-28% Voids 0.76 W/m.Κ [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 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 771-1:201			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/6076319

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		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 %	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:	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		Di The unders H	OP/HANUK/BR/	ting the following: Products rstone Road,
BS EN 771-1:	2011		Confirms the	
BLUE SMOOTH 230	x110x75mm			
06		BLUE	E SMOOTH 230x	(110x75mm
Category II, HD, 230 x 110 x 75r	nm, clay masonry units	Manuf	facturing Plant: <b>V</b>	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, 230 x 110 x 75mm, clay masonry units		nm, 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 %		rtogalation	
Durability against freeze-thaw:	F2	Dimensional tolerances:	ince category:	To
Active soluble salt content:	S2		inge 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 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 17-22% Voids	C	Configuration:	Vertically Perforated 17-22% Voids
Equivalent thermal conductivity:	0.79 W/m.K [λ <sub>10.drv</sub> ]	Equivalent thermal conductivity: Dimensional stability / Moisture Movem	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 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 instruct		formity with the declared values, when installed a 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		6074247 ting the following: Products rstone Road, 2 7EL
				Confirms the	at:
BLUE SMOOTH 230	x110x80mm				
06			BLU	JE SMOOTH 230x	x110x80mm
Category II, HD, 230 x 110 x 80r	nm, clay masonry units		Man	ufacturing Plant: <b>V</b>	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, 230 x 110 x 80mm, clay masonry units		nm, 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	. 20 110 000,20 11
Durability against freeze-thaw:	F2	1	Dimensional tolerances:	ance category:	Т2
Active soluble salt content:	S2			ange category:	R1 75 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	١	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/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 17-22% Voids	.		Configuration:	Vertically Perforated 17-22% 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 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		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			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/6074247

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/6073639 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Confirms th	at:	
RED SMOOTH 230x	110x75mm			
06		RED SMOOTH 230x	110x75mm	
Category II, HD, 230 x 110 x 75r	nm, clay masonry units	Manufacturing Plant: N	WILNECOTE	
Dimensional tolerances:		06		
Tolerance category:	T2	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
Range category:		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 %	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 %	
		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: Gross density:	1800 kg/m³ (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 771-1:2011		
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/6073639

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/6073646 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN 771-1:	2011	Confirms th	at:	
RED SMOOTH 230x	110x80mm			
06		RED SMOOTH 230x	x110x80mm	
Category II, HD, 230 x 110 x 80r	nm, 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, 230 x 110 x 80mm, clay masonry units		
Compressive strength:		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4		
	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	
Active soluble salt content:	S2	Range category: Compressive strength:	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	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/m³ (D1)	value): Direct airborne sound insulation:		
Configuration:	Vertically Perforated 17-22% Voids	Gross density: Configuration:	1800 kg/m <sup>3</sup> (D1) Vertically Perforated 17-22% 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> ] NPD	
Dimensional stability:	NPD	Dimensional stability / Moisture Movement: 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 co accordance with the manufacturer's instructions and gener		

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

le la Cathelica 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/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	отн
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
		Category II, HD, 215 x 102.5 x 65mm, clay masonry units		mm clay masonry units
Range category:	R1	Calegory II, HD, 215 x 102.5 x 051111, day 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	$4000 h = (-3^3) (D4)$
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

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 BROWN SMOOTH 80mm		Declaration of Performance DOP/HANUK/BR/6200417 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
		BROWN SMOOT	H 80mm	
07				
Category II, HD, 215 x 102.5 x 80	mm, clay masonry units	Manufacturing Plant: CR		
Dimensional tolerances:		07		
Tolerance category:	To	Conforms to the Harmonised European Standard: BS EN 771-1:2011		
		Category II, HD, 215 x 102.5 x 80mm, 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 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		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:	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/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		D The under H	ation of P DOP/HANUK/BR/ rsigned, represen Hanson Building F sham Works, Athe Measham, DE1 Confirms tha	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 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 %		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 Road, Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of DOP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, A Measham, D Confirms	R/6200219 enting the following: g Products therstone Road, E12 7EL	
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

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		DO The undersig Ha Measha	)P/HANUK/BR/	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 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:		6200912 ting the following: Products rstone Road, 2 7EL
RED SMOOTH	73mm			
06			RED SMOOTH	73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufa	acturing 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 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: 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 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 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 onl 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 i al purpose or lightweight mortars.

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

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 undersigned, rep Hanson Buil Measham Works, Measham,	Performance //BR/6201018 esenting the following: ling Products Atherstone Road, DE12 7EL ns that:
RED SMOOTH	80mm		
07		RED SMO	OTH 80mm
Category II, HD, 215 x 102.5 x 80	mm, clay masonry units	Manufacturing Plan	CRADLEY BRICK
Dimensional tolerances:		C	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: Reaction to fire:	S2 Class A1
Water vapour diffusion coefficient (EN 1745 table value):	50/100	Bond strength (Fixed value from EN 998-2):	$0.15 \text{ N/mm}^2$
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	i <b>ty:</b> 1800 ka/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 c 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 i eneral purpose or lightweight mortars.

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

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		DOP/HANU The undersigned, re Hanson Bu Measham Work Meashar	f Performance K/BR/6200813 presenting the following: Iding Products 6, Atherstone Road, 6, DE12 7EL ms that:
BUFF SMOO	отн	DIEC	ѕмоотн
06		BUFF	Smooth
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	ht: CRADLEY BRICK
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 Regulation: EU No 305/2011	
Water absorption:	7 %	Key	
Durability against freeze-thaw:	F2	Dimensional tolerances: Tolerance categ	ory: T2
Active soluble salt content:	S2	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):	50/100
Gross density:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross der	<b>sity:</b> 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configura Equivalent thermal conductivity:	
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 in general purpose or lightweight mortars.

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

al la lathleron

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, repre Hanson Buildi Measham Works, / Measham, I Confirm	BR/6200615 senting the following: ng Products ttherstone Road, DE12 7EL
BUFF SMOOTH	73mm		
07		BUFF SMOO	)TH 73mm
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant:	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 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:	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:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<b>y:</b> 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configuratio	n: 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 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	

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 BS EN 771-1:2011		Declaration of DOP/HANUK/I The undersigned, repre Hanson Buildi Measham Works, A Measham, D Confirms	SR/6200714 senting the following: ng Products therstone Road, E12 7EL
BUFF SMOOTH	80mm		
07		BUFF SMOO	TH 80mm
Category II, HD, 215 x 102.5 x 80	mm, clay masonry units	Manufacturing Plant:	CRADLEY BRICK
Dimensional tolerances:		07	
Tolerance category:	T2	Conforms to the Harmonised Europe	an Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 80mm, clay masonry units	
		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-1:2011, System 4	
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 categor	
Active soluble salt content:	S2	Range categor 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:	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:	1800 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross densit	<i>r</i> : 1800 kg/m <sup>3</sup> (D1)
Configuration:	Vertically Perforated 18-28% Voids	Configuration 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 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 ge	

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 %	Reg	ulation: 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 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:		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 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/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 Plant: 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 %		
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 densit	<b>y:</b> 1450 ka/m <sup>3</sup> (D1)
Configuration:	Frogged 13-18% Voids	Configuration: T450 kg/m (DT) Configuration: Frogged 13-18% Voids Equivalent thermal conductivity: 0.53 W/m.K [Atudry]	
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 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		<b>Declaration of</b> DOP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, A Measham, D	R/6081924 enting the following: g Products herstone Road,
BS EN 771-1:	2011	Confirms	that
HEATHER 7	amm	Comme	
		HEATHER	73mm
06			
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plant	: KINGS DYKE
Dimensional televences		06	
Dimensional tolerances:		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T1		
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 %	- Coguar	
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:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>	Durability against freeze-thaw:	F1 S2
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 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.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 771-1:20		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/6081924

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 F DOP/HANUK/BF The undersigned, represe Hanson Building Measham Works, Ath Measham, DE	<b>R/6085229</b> nting the following: Products erstone Road,
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		Manufacturing Plant:	KINGS DYKE
Calegory II, HD, 215 X 102.5 X 73		06	
Dimensional tolerances:		06	
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/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 %		1. 20 10 303/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	T1
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):		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:	1450 kg/m <sup>3</sup> (D1)	Direct airborne sound insulation: Gross density:	
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.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/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		Declaration of DOP/HANUK/ The undersigned, repres Hanson Buildir Measham Works, A Measham, D	<b>3R/6082921</b> senting the following: ng Products therstone Road,
BS EN 771-1:	2011	Confirms	s that:
RUSTIC 73r	nm	Commit	
		RUSTIC	73mm
06			
Category II, HD, 215 x 102.5 x 73	mm, clay masonry units	Manufacturing Plan	t: KINGS DYKE
Dimensional tolerances:		06	
		Conforms to the Harmonised European Standard: BS EN 771-1:2011	
Tolerance category:	T1		
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 %	Regula	
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/mm <sup>2</sup> [⊥ 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):	$0.15 \text{ N/mm}^2$
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 densit	<b>y:</b> 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> ]	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 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 ge	

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

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/6082327 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:	
TUDOR 73r		TUDOR 73n	am
06			
Category II, HD, 215 x 102.5 x 73	8mm, clay masonry units	Manufacturing Plant: K	INGS DYKE
Dimensional tolerances:		06	
		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:	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	. 20 10 303/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category:	T1
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:	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):	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> ]	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 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/6082327

Signed on behalf of the manufacturer:

as la lathlering

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, represer Hanson Building Measham Works, Athe Measham, DE1 Confirms th	/6081412 nting the following: Products erstone Road, 12 7EL
BRECKEN G	REY		BRECKEN G	DEV
06			BRECKEN	
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units		Manufacturing Plant:	KINGS DYKE
Dimensional taleranaaa			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]	Provis	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	Dimensiona	al tolerances: Tolerance category:	Τ2
Active soluble salt content:	S2	Compressiv	Range category:	R1 25 N/mm² [⊥ bed face]
Reaction to fire:	Class A1	Water abso	rption:	23 %
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		ngainst freeze-thaw: ble salt content:	F1 S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10		gth (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Water vapo value):	our diffusion coefficient (EN 1745 table	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		orne sound insulation: Gross density:	1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Fauivalent	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> ]	Dimensiona	al stability / Moisture Movement:	NPD
Dimensional stability:	NPD		Substances:	See Note
Dangerous Substances:	See Note		mation on Dangerous substances will only e 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			nance of the product identified above is in co with the manufacturer's instructions and gener	nformity with the declared values, when installed ral purpose or lightweight mortars.

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

le la la there Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

Date: 04 August 2015

in



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, Ath Measham, DE	<b>/6082815</b> hting the following: Products erstone Road, 2 7EL
BRINDLE			
06		BRINDLE	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: I	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 %	Regulation	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 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 771-1:201		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/6082815

as la lathlering Signed on behalf of the

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:



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 DOP/HANUK The undersigned, repr Hanson Build Measham Works, Measham,	/BR/6081214 esenting the following: ing Products Atherstone Road, DE12 7EL
		Confirm	is that:
CLAYDON RED	MULTI		
06		CLAYDON	RED MULTI
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Pla	nt: KINGS DYKE
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 %		ation: EU No 305/2011
Durability against freeze-thaw:	F1	Dimensional tolerances:	
Active soluble salt content:	S2	Tolerance catego Range catego	ry: 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:	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 densi	<b>ty:</b> 1360 ka/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Equivalent thermal conductivity:	n: 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 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 eneral purpose or lightweight mortars.

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

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 BS EN 771-1:2011		Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1 Confirms th	6083218 ting the following: Products rstone Road, 2 7EL
COMMON	S		_
06		COMMON	S
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		
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	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 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,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 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 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	<b>6082716</b> hting the following: Products erstone Road, 2 7EL
COTSWOI	_D	COTSWOL	D
06		COTSWOL	
Category II, HD, 215 x 102.5 x 65	imm, clay masonry units	Manufacturing Plant: K	KINGS DYKE
<b>.</b>		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 %		
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:	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: 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 only a 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/6082716

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 F DOP/HANUK/BF The undersigned, represe Hanson Building Measham Works, Att Measham, DE	R/6082617 enting the following: Products erstone Road,
BS EN 771-1:	2011	Confirms t	hat:
DAPPLE LIC	GHT		
06		DAPPLE LI	GHT
		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:	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:	
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:	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):	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/6082617

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/E The undersigned, repres Hanson Buildir Measham Works, A Measham, D	8 <b>R/6082211</b> senting the following: g Products therstone Road,
BS EN 771-1:	2011		Confirms	that:
GEORGIA	N			
06			GEORG	IAN
			Manufacturing Plan	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		, and the second s	
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 %		Regulat	ion: EU No 305/2011
Durability against freeze-thaw:	F1		Dimensional tolerances:	
Active soluble salt content:	S2		Tolerance category Range category	r: R1
Reaction to fire:	Class A1		Compressive strength: Water absorption:	25 N/mm <sup>2</sup> [⊥ bed face] 23 %
			Durability against freeze-thaw:	F1
Bond strength (Fixed value from EN 998-2): Water vapour diffusion coefficient (EN 1745 table	0.15 N/mm <sup>2</sup>		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:	1360 kg/m <sup>3</sup> (D1)		Direct airborne sound insulation: Gross density	/: 1360 ka/m³ (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.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 771-1:201		]	The performance of the product identified above is in accordance with the manufacturer's instructions and get	conformity with the declared values, when installed

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

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, represe Hanson Building Measham Works, Ati Measham, DE	R/6082518 enting the following: g Products herstone Road,
BS EN 771-1:	2011	Confirms	that:
GOLDEN BU	JFF		
06		GOLDEN	BUFF
Category II, HD, 215 x 102.5 x 65		Manufacturing Plant	KINGS DYKE
Calegory II, HD, 215 X 102.5 X 05		06	
Dimensional tolerances:		00	
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 %		511. 20 110 303/2011
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category	: T2
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,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 c accordance with the manufacturer's instructions and gen	

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

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 F DOP/HANUK/BR The undersigned, represe Hanson Building Measham Works, Ath Measham, DE Confirms th	/6081917 nting the following: Products erstone Road, 12 7EL
HEATHER	र		
06		HEATHE	R
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	
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):	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:	2	value): Direct airborne sound insulation:	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	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 co accordance with the manufacturer's instructions and gene	

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 Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-1:2011		Declaration of DOP/HANUK/B The undersigned, represe Hanson Building Measham Works, At Measham, DE Confirms	R/6081719 enting the following: g Products nerstone Road, :12 7EL
HEREWARD I	IGHT	Commis	ind.
		HEREWARD	LIGHT
06			-
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant	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	Dimensional tolerances: Tolerance category	Τ2
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		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 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/6081719

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Measham Works, Athe Measham, DE1 BS EN 771-1:	erstone Road, 2 7EL		Declaration of F DOP/HANUK/BF The undersigned, represe Hanson Building Measham Works, Ath Measham, DE	<b>t/6080217</b> nting the following: Products erstone Road, 12 7EL
			Confirms t	hat:
HONEY BU	FF		HONEY B	IEE
06			HONET BY	JFF
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 Europea	n Standard: <b>BS EN 771-1:2011</b>
Range category:			Category II, HD, 215 x 102.5 x 6	5mm, clay masonry units
Compressive strength:	25 N/mm² [⊥ bed face]		Provision to which the product conforms: Standard	
Water absorption:	23 %		Regulatio	n: EU No 305/2011
Durability against freeze-thaw:	F1		Dimensional tolerances: Tolerance category:	Τ2
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		Configuration: Equivalent thermal conductivity:	Frogged 15-20% Voids
Equivalent thermal conductivity:	0.51 W/m.K [λ <sub>10,drv</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 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/6080217

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Measham Works, Athe Measham, DE1	erstone Road,	Declaration of DOP/HANUK/BI The undersigned, represe Hanson Building Measham Works, Att Measham, DE	R/6081313 enting the following: I Products herstone Road,
BS EN 771-1:	2011	Confirms	hat:
IRONSTO	NE		
06		IRONSTO	NE
		Manufacturing Plant:	KINGS DYKE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	, and the second s	
Dimensional tolerances:		06	
Tolerance category:	Τ2	Conforms to the Harmonised Europea	n Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 6	5mm, clay masonry units
Compressive strength:	25 N/mm² [⊥ bed face]	Provision to which the product conforms: Standar	d: Annex ZA of BS EN 771-1:2011, System 4
Water absorption:	23 %		on: EU No 305/2011
Durability against freeze-thaw:	F1	Dimensional tolerances:	
		Tolerance category:	
Active soluble salt content:	S2	Range category: Compressive strength:	R I 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):	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 c accordance with the manufacturer's instructions and generations and generations and generations and generations and generations and generations according to the second se	onformity with the declared values, when installed

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

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building J Measham Works, Athe Measham, DE1 BS EN 771-1: LONGVILLE S	erstone Road, 2 7EL 2011	Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1 Confirms th	6081115 hting the following: Products erstone Road, 2 7EL
	IONE	LONGVILLE S	TONE
06		Manufacturia - Dia tu	
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: H	INGS DIKE
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 65	mm clav masonry units
Range category:	R1		
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard: Regulation	Annex ZA of BS EN 771-1:2011, System 4 h: 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
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:	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 771-1:2011	
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/6081115

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Measham Works, Athe Measham, DE BS EN 771-1: MILTON BU	erstone Road, 2 7EL 2011		Declaration of P DOP/HANUK/BR/ The undersigned, represen Hanson Building F Measham Works, Athe Measham, DE1 Confirms the	6083119 ting the following: Products rstone Road, 2 7EL
		Γ	MILTON BU	FF
06				
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Manufacturing Plant: K	INGS 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 65	mm, clay masonry units
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product conforms: Standard: Regulation	Annex ZA of BS EN 771-1:2011, System 4 : 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> [⊥ 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.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 b 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 cor accordance with the manufacturer's instructions and genera	

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

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Measham Works, Athe Measham, DE1	erstone Road,	Declaration of DOP/HANUK/B The undersigned, represe Hanson Building Measham Works, At Measham, De	R/6080811 enting the following: g Products herstone Road,
BS EN 771-1:	2011	Confirms	that:
NENE VALLEY	STONE		
06		NENE VALLE	STONE
Category II, HD, 215 x 102.5 x 65		Manufacturing Plant	KINGS DYKE
Calegory II, HD, 215 x 102.5 x 65	min, clay masonry units	- 06	
Dimensional tolerances:			
Tolerance category:	T2	Conforms to the Harmonised Europea	an Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 6	55mm, clay masonry units
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standar	d: Annex ZA of BS EN 771-1:2011, System 4 on: EU No 305/2011
Water absorption:	23 %	regulation	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category	T2
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: 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:	4000 L ( <sup>3</sup> (D4)
Configuration:	Frogged 15-20% Voids	Gross density 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 c accordance with the manufacturer's instructions and gen	onformity with the declared values, when installed

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 Measham Works, Athe Measham, DE1 BS EN 771-1:	erstone Road, 2 7EL	Declaration of F DOP/HANUK/BR The undersigned, represe Hanson Building Measham Works, Ath Measham, DE Confirms t	<b>t/6082112</b> nting the following: Products erstone Road, 12 7EL
REGENC	Y		
06		REGENC	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 Europea	n Standard <sup>.</sup> BS EN 771-1:2011
Tolerance category:	T2		
Range category:	R1	Category II, HD, 215 x 102.5 x 6	5mm, clay masonry units
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standard	l: Annex ZA of BS EN 771-1:2011, System 4 n: EU No 305/2011
Water absorption:	23 %	Regulatio	11. 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/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
Water vapour diffusion coefficient (EN 1745 table		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 lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building Measham Works, Athe Measham, DEr	erstone Road,	Declaration of DOP/HANUK/BR The undersigned, represe Hanson Building Measham Works, Att Measham, DE	R/6082914 Inting the following: Products ierstone Road,
BS EN 771-1:	2011	Confirms t	hat:
RUSTIC			
06		RUSTIC	:
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 Europea	n Standard: BS EN 771-1:2011
Range category:	R1	Category II, HD, 215 x 102.5 x 6	5mm, clay masonry units
		Provision to which the product conforms: Standard	
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]		n: EU No 305/2011
Water absorption:	23 %	Dimensional tolerances:	
Durability against freeze-thaw:	F1	Tolerance category:	
Active soluble salt content:	S2	Compressive strength: Range category:	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):	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:	2	value): Direct airborne sound insulation:	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)	Gross density:	
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 771-1:201	
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 ca 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 Measham Works, Athe Measham, DE	erstone Road, 2 7EL		The und	DOP/HANUK/BR/ lersigned, represen Hanson Building F asham Works, Athe Measham, DE1	ting the following: Products rstone Road, 2 7EL
BS EN 771-1:	2011			Confirms the	at:
RUSTIC ANT	IQUE				
06				RUSTIC ANTI	QUE
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units		Mar	nufacturing Plant: <b>K</b>	INGS DYKE
Dimensional tolerances:				06	
Tolerance category:	T2		Conforms to the Har	monised European	Standard: BS EN 771-1:2011
Range category:	R1		Category II, HE	D, 215 x 102.5 x 65	mm, clay masonry units
Compressive strength:	25 N/mm <sup>2</sup> [⊥ bed face]		Provision to which the product cor		Annex ZA of BS EN 771-1:2011, System 4 : EU No 305/2011
Water absorption:	23 %			Regulation	. 20 10 000/2011
Durability against freeze-thaw:	F1	Dime	ensional tolerances:	erance category:	Τ2
Active soluble salt content:	S2	Com		Range category:	R1 25 N/mm <sup>2</sup> [⊥ bed face]
Reaction to fire:	Class A1	Wate	er absorption: ability against freeze-thaw:		23 % F1
Bond strength (Fixed value from EN 998-2):	0.15 N/mm <sup>2</sup>		ive soluble salt content:		S2
Water vapour diffusion coefficient (EN 1745 table value):	5/10	Bone	ction to fire: Id strength (Fixed value from EN 9		Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		Wate	er vapour diffusion coefficient (El ie):	N 1745 table	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		ect airborne sound insulation:	Gross density:	1360 ka/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids	Equi	ivalent thermal conductivity:	Configuration:	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> ]	Dime	ensional stability / Moisture Move	ement:	NPD
Dimensional stability:	NPD		gerous Substances:		See Note
Dangerous Substances:	See Note		e: Information on Dangerous subs ropriate 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			performance of the product identif ordance 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/6085212

Signed on behalf of the manufacturer:

As la latheres

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building F Measham Works, Athe Measham, DE1 BS EN 771-1:	arstone Road, 2 7EL 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/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:     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.dr</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/6081610

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building F Measham Works, Athe Measham, DE1 BS EN 771-1:	arstone Road, 2 7EL 2011	Declaration of Performance DOP/HANUK/BR/6082419 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:
SAXON GO	LD	SAXON GOLD
06		
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 %	
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category: T2
Active soluble salt content:	S2	Range category:       R1         Compressive strength:       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 [\lambda_10_m/]
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 instal accordance with the manufacturer's instructions and general purpose or lightweight mortars.

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

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

in

Position: Head of Quality and Clay Services



Hanson Building Measham Works, Athe Measham, DE1	erstone Road,	<b>Declaration of</b> DOP/HANUK/B The undersigned, repres Hanson Buildin Measham Works, A Measham, D	<b>R/6111119</b> enting the following: g Products therstone Road,
BS EN 771-1:	2011	Confirms	
SELECTED REG	RADES		
06		SELECTED RI	EGRADES
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 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:	25 N/mm <sup>2</sup> [⊥ bed face]	Provision to which the product conforms: Standa	rd: Anney 7A of BS EN 771-1:2011 System 4
			on: 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 % F1
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	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 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/6111119

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson Building F Hanson Building F Measham Works, Athe Measham, DE1 BS EN 771-1: SUNSET R	erstone Road, 2 7EL 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:	
	ED	SUNSET RED	
06			
Category II, HD, 215 x 102.5 x 65	mm, clay masonry units	Manufacturing Plant: KINGS DYKE	
Dimensional televenees		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 Regulation: EU No 305/2011	n 4
Water absorption:	23 %		
Durability against freeze-thaw:	F1	Dimensional tolerances: Tolerance category: T2	
Active soluble salt content:	S2	Compressive strength:     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 [Alodry]	
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, when accordance with the manufacturer's instructions and general purpose or lightweight mortars.	i installed

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		TUDOR	
Category II, HD, 215 x 102.5 x 65mm, 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 % F1
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 998-2):	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			Declaration of Performance DOP/HANUK/BR/6081511 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN 771-1:2011			Confirms that:	
WINDSOR				
06			WINDSOR	
			Manufacturing Plant: KINGS DYKE	
Category II, HD, 215 x 102.5 x 65mm, 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/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 %		Negi	
Durability against freeze-thaw:	F1	I	Dimensional tolerances: Tolerance categ	ory: T2
Active soluble salt content:	S2		Range categ Compressive strength:	
Reaction to fire:	Class A1	1	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	F	Reaction to fire: Bond strength (Fixed value from EN 998-2):	Class A1 0.15 N/mm <sup>2</sup>
Direct airborne sound insulation:		1	Water vapour diffusion coefficient (EN 1745 table value):	5/10
Gross density:	1360 kg/m <sup>3</sup> (D1)		value): Direct airborne sound insulation: Gross den:	sity: 1360 kg/m <sup>3</sup> (D1)
Configuration:	Frogged 15-20% Voids		Configurat	ion: 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 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/6081511

Signed on behalf of the manufacturer:

as la lathlering

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services