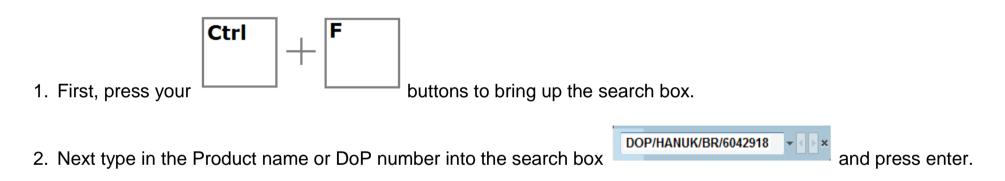


## Hanson Building Products

Atherstone Road Measham Swadlincote DE12 7EL Phone 01530 270333

www.hansonbuildingproducts.co.uk

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



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



CE				of Performance JK/TH/6300919	
			The undersigned, representing the following:		
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN	771-4:2011		Conf	irms that:	
r	Turbo 15		т	urbo 15	
		Conform	ns to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Category II, 440 x 100 x 215 mm au	toclaved aerated concrete masonry units	Category II,	440 x 100 x 215 mm, au	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 100 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	0,1	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD	Shear Bond strength:		0.15 N/mm <sup>2</sup>	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	NPD	
Water Absorption:	NPD	Reaction to fire:		Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD	
Direct airborne sound insulation:	470 kg/m <sup>3</sup>	Water vapour diffusion co	befficient: Fixed Value:	5/10	
Gross density: Configuration:	470 kg/m As Above	Direct airborne sound ins	Gross density:	470 kg/m <sup>3</sup>	
Thermal conductivity:	0.10 W/m.K [λ <sub>10.dry unit</sub> , S2]	Thermal conductivity:	Configuration:		
Durability against freeze-thaw:	NPD	Durability against freeze-t	thaw:	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Dangerous Substances:	See Note	Dangerous Substances:		NPD See Note	
Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	U		only be given when and where required in the	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



		of Performance JK/TH/6300933
The undersigned, representing the following:		
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
	Confi	irms that:
	т	urbo 15
Conforms to the Harm	nonised Eur	ropean Standard: BS EN 771-4:2011
gory II, 440 x 115 x 2	215 mm, au	utoclaved aerated concrete masonry units
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
ances:	category:	GPLM (unless stated otherwise on the delivery ticket
	category.	Solid
ngth:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
lity:		
Moisture M		Nominal 0.50 mm/m
Fix ength:	ked value:	0.15 N/mm <sup>2</sup> NPD
		Euroclass A1
		NPD
ision coefficient:		
Fix und insulation:	ed Value:	5/10
Gros	s density:	470 kg/m <sup>3</sup> As above
	garation.	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]
freeze-thaw:		NPD
ances:		See Note
1	ivity: t freeze-thaw: ances: on Dangerous subs See Annex ZA3 of B	t freeze-thaw:

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

Signed on behalf of the manufacturer:

as la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



CE		C	DOP/HANU	of Performance
Hanson B	uilding Products	The undersigned, representing the following:		
Measham Works, Atherstone Road, Measham, DE12 7EL			Measham Works	ilding Products s, Atherstone Road, n, DE12 7EL
BS EN	771-4:2011		Confi	rms that:
	Turbo 15		т	urbo 15
		Conforms t	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Category II, 440 x 125 x 215 mm a	utoclaved aerated concrete masonry units	Category II, 44	0 x 125 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 125 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:		Dimensional stability:	Na:	
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion coef		
Gross density:	470 kg/m <sup>3</sup>	Direct airborne sound insula	Fixed Value: ation:	5/10
Configuration:	As Above		Gross density: Configuration:	470 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.10 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}}, S2\right]$	Thermal conductivity:		0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-tha	iw:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances a appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	appropriate form. See Annex	x ZA3 of BS EN 771-4	only be given when and where required in the 1:2011.

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

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

Signed on behalf of the manufacturer:

as la latheren

Position: Head of Quality and Clay Services



(	( E	Declaration of Performance DOP/HANUK/TH/6300971
		The undersigned, representing the following:
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL
BS E	N 771-4:2011	Confirms that:
	Turbo 15	Turbo 15
		Conforms to the Harmonised European Standard: BS EN 771-4:2011
	autoclaved aerated concrete masonry units	Category II, 440 x 130 x 215 mm, autoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 130 (mm) x 215 (mm Dimensional tolerances: category	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery tick
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration: Solid
Dimension Stability: Moisture Movement	Nominal 0.50 mm/m	Compressive strength: Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value	: 0.15 N/mm <sup>2</sup>	Dimensional stability:
Flexural Bond Strength:	NPD	Moisture Movement: Nominal 0.50 mm/m Shear Bond strength:
Reaction to fire:	Euroclass A1	Fixed value: 0.15 N/mm <sup>2</sup> Flexural Bond Strength: NPD
Water Absorption:	NPD	Reaction to fire: Euroclass A1
Water vapour diffusion coefficient : Fixed Value	: 5/10	Water absorption: NPD
Direct airborne sound insulation: Gross density	: 470 ka/m <sup>3</sup>	Water vapour diffusion coefficient: Fixed Value: 5/10
Configuration	0	Direct airborne sound insulation: Gross density: 470 kg/m <sup>3</sup>
Thermal conductivity:	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	Configuration:     As above       Thermal conductivity:     0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw: NPD
Dangerous Substances:	See Note	Dangerous Substances: See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN	s will only be given when and where required in the 771-4:2011.	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

as la latheren manufacturer:

Date: 02 June 2015

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the



CE		Dec		of Performance JK/TH/6300988
		The undersigned, representing the following:		
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		s, Atherstone Road,
BS EN	V 771-4:2011		Conf	irms that:
	Turbo 15		Т	Turbo 15
		Conforms to th	e Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category II, 440 x 140 x 215 mm a	utoclaved aerated concrete masonry units	Category II. 440 x	140 x 215 mm. ai	utoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 140 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:		Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:	sture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD	Shear Bond strength:		
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion coefficie		
Gross density:	470 kg/m <sup>3</sup>	Direct airborne sound insulation	Fixed Value: 1:	5/10
Configuration:	As Above		Gross density: Configuration:	470 kg/m <sup>3</sup> As above
Thermal conductivity:	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Comgulation.	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances ( appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the 71-4:2011.	Note: Information on Dangerous appropriate form. See Annex ZA		only be given when and where required in the 4:2011.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Γ	DOP/HANL The undersigned, re Hanson Bu Measham Work	<b>IF Performance</b> JK/TH/6300995 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL
BS EN	771-4:2011		Confi	rms that:
	Turbo 15		т	urbo 15
Cotogory II 440 x 150 x 245 mm o		Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
	utoclaved aerated concrete masonry units	Category II, 44	0 x 150 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 150 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 2.90 N/mm $^2$ [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD	Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1	Flexural Bond Strength:		NPD
Water Absorption:	NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion coef		
Gross density:	470 kg/m <sup>3</sup>	Direct airborne sound insula	Fixed Value: ation:	5/10
Configuration:	As Above		Gross density: Configuration:	470 kg/m <sup>3</sup> As above
Thermal conductivity:	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	-	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-tha	IW:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the 1-4:2011.	appropriate form. See Anne	x ZA3 of BS EN 771-4	only be given when and where required in the l:2011.

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

Signed on behalf of the manufacturer:

as la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



( <del>(</del>				of Performance JK/TH/6301018	
			The undersigned, representing the following:		
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN	771-4:2011		Conf	irms that:	
	Furbo 15		٦	Furbo 15	
		Confor	rms to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Category II, 440 x 190 x 215 mm at	toclaved aerated concrete masonry units	Category II	l, 440 x 190 x 215 mm, a	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 190 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances	category:	GPLM (unless stated otherwise on the delivery ticket	
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	0,	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm $^2$ [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD	Shear Bond strength:			
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm² NPD	
Water Absorption:	NPD	Reaction to fire:		Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD	
Direct airborne sound insulation:		Water vapour diffusion			
Gross density:	470 kg/m <sup>3</sup>	Direct airborne sound ir	Fixed Value:	5/10	
Configuration:	As Above		Gross density: Configuration:	470 kg/m <sup>3</sup> As above	
Thermal conductivity:	$0.10 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} \text{S2}\right]$	Thermal conductivity:	Configuration.	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD	Durability against freeze	e-thaw:	NPD	
Dangerous Substances:	See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	Note: Information on Da appropriate form. See A		l only be given when and where required in the 4:2011.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



( F				of Performance JK/TH/6301015	
			The undersigned, representing the following:		
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN	771-4:2011		Conf	irms that:	
	Turbo 15		١	Turbo 15	
			Conforms to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Category II, 440 x 200 x 215 mm ai	utoclaved aerated concrete masonry units		Category II, 440 x 200 x 215 mm, a	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 200 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provisio	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration	Configuration:	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive	strength:	Mean 2.90 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional	stability: Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD	Shear Bond s	trength:		
Reaction to fire:	Euroclass A1	Flexural Bond	Fixed value: I Strength:	0.15 N/mm <sup>2</sup> NPD	
Water Absorption:	NPD	Reaction to fi	re:	Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorp	tion:	NPD	
Direct airborne sound insulation: Gross density:	470 kg/m <sup>3</sup>		diffusion coefficient: Fixed Value: e sound insulation:	5/10	
Configuration:	As Above		Gross density:	470 kg/m <sup>3</sup>	
Thermal conductivity:	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal cond	Configuration:	As above 0.10 W/m.Κ [λ <sub>10,dry unit,</sub> S2]	
Durability against freeze-thaw:	NPD	Durability aga	inst freeze-thaw:	NPD	
Dangerous Substances:	See Note	Dangerous St	ubstances:	See Note	
Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.		tion on Dangerous substances wil orm. See Annex ZA3 of BS EN 771-	l only be given when and where required in the 4:2011.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



CE		D	DOP/HANU	f Performance K/TH/6301022 presenting the following:
Hanson B Measham Wor Measha	Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
BS EN	771-4:2011		Confi	rms that:
	Turbo 15			urbo 15
		Conforms t	o the Harmonised Eur	opean Standard: BS EN 771-4:2011
	utoclaved aerated concrete masonry units	Category II, 44	0 x 215 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 215 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion coef		
Gross density:	470 kg/m <sup>3</sup>	Direct airborne sound insula	Fixed Value: ation:	5/10
Configuration:	As Above		Gross density: Configuration:	470 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.10 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S2]$	Thermal conductivity:		0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-tha	w:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances a appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	appropriate form. See Annex	c ZA3 of BS EN 771-4	only be given when and where required in the :2011.

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

Signed on behalf of the manufacturer:

as la latheren Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



CE				of Performance UK/TH/6301039	
			The undersigned, representing the following:		
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS E	N 771-4:2011		Con	firms that:	
	Turbo 15			Turbo 15	
			Conforms to the Harmonised Eu	uropean Standard: BS EN 771-4:2011	
Category II, 440 x 265 x 215 mm	autoclaved aerated concrete masonry units	Cate	aory II. 440 x 265 x 215 mm. a	nutoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 265 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional toler	ances: category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [+ bed face, whole unit]. [Cat II]	Configuration:		Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive stre	ngth:	Mean 2.90 N/mm $^2$ [ $_{\rm \perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stabi	-	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD	Shear Bond streng	5		
Reaction to fire:	Euroclass A1	Flexural Bond Stre	Fixed value: ength:	0.15 N/mm² NPD	
Water Absorption:	NPD	Reaction to fire:		Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD	
Direct airborne sound insulation:		Water vapour diffu		- // 0	
Gross density:	470 kg/m <sup>3</sup>	Direct airborne so	Fixed Value: und insulation:	5/10	
Configuration:	As Above		Gross density: Configuration:		
Thermal conductivity:	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conduction		0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD	Durability against	freeze-thaw:	NPD	
Dangerous Substances:	See Note	Dangerous Substa	ances:	See Note	
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.	Note: Information		II only be given when and where required in the 4:2011.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



CE				of Performance	
			The undersigned, representing the following:		
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN	771-4:2011		Con	firms that:	
	Furbo 15			Turbo 15	
			Conforms to the Harmonised Eu	rropean Standard: BS EN 771-4:2011	
Category II, 440 x 300 x 215 mm a	utoclaved aerated concrete masonry units	C	Category II, 440 x 300 x 215 mm, a	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 300 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional to	blerances: category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	Configuration:	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive s	strength:	Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional s	tability: Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD	Shear Bond st	rength:		
Reaction to fire:	Euroclass A1	Flexural Bond	Fixed value: Strength:	0.15 N/mm² NPD	
Nater Absorption:	NPD	Reaction to fire	9:	Euroclass A1	
Nater vapour diffusion coefficient : Fixed Value:	5/10	Water absorpti	on:	NPD	
Direct airborne sound insulation:	470 L / <sup>3</sup>	Water vapour o	diffusion coefficient: Fixed Value:	5/10	
Gross density:	470 kg/m <sup>3</sup>	Direct airborne	e sound insulation: Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As Above	Theorem I are sta	Configuration:	As above	
Fhermal conductivity:	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal condu	ictivity:	0.10 W/m.K [λ <sub>10,dry unit,</sub> S2]	
Durability against freeze-thaw:	NPD	Durability agai	nst freeze-thaw:	NPD	
Dangerous Substances:	See Note	Dangerous Su		See Note	
Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.		ion on Dangerous substances wi rm. See Annex ZA3 of BS EN 771-	I only be given when and where required in the 4:2011.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



(	<b>F</b>			of Performance
		The undersigned, representing the following:		
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN	771-4:2011		Conf	ïrms that:
Large F	ormat Turbo 15		Large F	ormat Turbo 15
		Conforms	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
	utoclaved aerated concrete masonry units	Category II, 4	40 x 100 x 430 mm, a	utoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 100 (mm) x 430 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		andard: Annex ZA of BS EN 771-4:2011, System 4 egulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticl
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	batogory.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion coe		5/40
Gross density:	470 kg/m <sup>3</sup>	Direct airborne sound insu		5/10
Configuration:	As Above		Gross density: Configuration:	470 kg/m³ As above
Thermal conductivity:	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:		0.10 W/m.K [ $\lambda_{10,dry unit}$ , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-th	naw:	NPD
Dangerous Substances:	See Note	Dangerous Substances:	-	See Note
Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	appropriate form. See Ann	ex ZA3 of BS EN 771-	I only be given when and where required in the 4:2011.

Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimensional stability:		N. 1.1050 /
Mon Shear Bond strength:	isture Movement:	Nominal 0.50 mm/m
_	Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:		NPD
Reaction to fire:		Euroclass A1
Water absorption:		NPD
Water vapour diffusion coefficie		
Direct sickers, sound in a lot	Fixed Value:	5/10
Direct airborne sound insulatio	n: Gross density: Configuration:	470 kg/m <sup>3</sup> As above
Thermal conductivity:		0.10 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:		NPD
Dangerous Substances:		See Note
Note: Information on Dangerous appropriate form. See Annex ZA		only be given when and where required in the :2011.

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

Signed on behalf of the manufacturer:

as la lathere Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



(	' <b>F</b>		Dec		of Performance JK/TH/6301282	
			The undersigned, representing the following:			
Measham Worl	uilding Products ks, Atherstone Road, ım, DE12 7EL		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
BS FN	1771-4:2011			Conf	irms that:	
	Format Turbo 15			Large F	ormat Turbo 15	
Category II, 440 x 115 x 430 mm at	utoclaved aerated concrete masonry units				ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 115 (mm) x 430 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)			t conforms: Sta	utoclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
Configuration: Compressive strength:	Solid Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>			ure Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD	
Water Absorption:	NPD		Reaction to fire:		Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation: Gross density:	470 kg/m <sup>3</sup>		Water vapour diffusion coefficien Direct airborne sound insulation:	Fixed Value:	5/10	
Configuration:	As Above		Direct and othe sound insulation.	Gross density: Configuration:	470 kg/m <sup>3</sup> As above	
Thermal conductivity:	0.10 W/m.K [λ <sub>10,dry unit,</sub> S2]		Thermal conductivity:	Comgutation.	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD	
Dangerous Substances:	See Note		Dangerous Substances:		See Note	
Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the '1-4:2011.		Note: Information on Dangerous appropriate form. See Annex ZA3		only be given when and where required in the I:2011.	
See Also Declaration of Performance DOP/HA		4			in conformity with the declared values, when installed in general purpose or lightweight mortars.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



	(	F			of Performance
				The undersigned, re	presenting the following:
	Measham Worl	uilding Products ‹s, Atherstone Road, m, DE12 7EL		Measham Work Meashar	ilding Products s, Atherstone Road, n, DE12 7EL
	BS EN	771-4:2011		Confi	irms that:
	:	Shield 15		S	hield 15
			Conform	is to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Category II, 440	x 50 x 215 mm au	toclaved aerated concrete masonry units	Category II,	440 x 50 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 50 (m Dimensional tolerances:	im) x 215 (mm) category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, S gulation (EU): 305/2011
Configuration:		Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the c
Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid
Dimension Stability:	ture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole un
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:		NPD	Shear Bond strength:		
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:		NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coeffi	cient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulat	ion:		Water vapour diffusion co		5/40
	Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound ins		5/10
	Configuration:	As Above		Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	-	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw	r:	NPD	Durability against freeze-	haw:	NPD
Dangerous Substances:		See Note	Dangerous Substances:		See Note

System 4

Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Dimensional stability: Moisture Movement:	Nominal 0.50 mm/m
Shear Bond strength:	Normilar 0.50 mm/m
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water absorption:	NPD
Water vapour diffusion coefficient:	
Fixed Value:	5/10
Direct airborne sound insulation: Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	NPD
Dangerous Substances:	See Note
Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-4	

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Compressive strength:       Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]       Configuration:       Solid         Dimension Stability:       Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]       Compressive strength:       Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]         Dimension Stability:       Nominal 0.50 mm/m       Nominal 0.50 mm/m       Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]         Shear Bond Strength:       Fixed value:       0.15 N/mm²       L bed face, whole unit]. [Cat II]         Flexural Bond Strength:       NPD       Shear Bond strength:       Nominal 0.50 mm/m         Reaction to fire:       Euroclass A1       Shear Bond Strength:       NPD         Water Absorption:       NPD       Reaction to fire:       Euroclass A1         Water vapour diffusion coefficient:       5/10       Water absorption:       NPD         Direct airborne sound insulation:       Gross density:       600 kg/m³       Solid         Configuration:       A s Above       Fixed Value:       5/10         Direct airborne sound insulation:       Gross density:       600 kg/m³       Gross density:       600 kg/m³         Configuration:       A s Above       Thermal conductivity:       0.13 W/m.K [Atoday unt, S2]       Direct airborne sound insulation:       As above         Durability against freeze-thaw:	C	E		D	DOP/HAN	Df Performance JK/TH/6300728
Shed         Shed         Shed         Shed         Shed         Category II, 440 x 75 x 215 mm. autoclaved aerated concrete masony units         Dimensions: 440 (nm) x 75 (nm) x 215 (nm)         Dimensions: 440 (nm) x 75 (nm) x 215 (nm)         Dimensions: 440 (nm) x 75 (nm) x 215 (nm)         Dimensions: 440 (nm) x 75 (nm) x 215 (nm)         Dimensions: 440 (nm) x 75 (nm) x 215 (nm)         Dimensions: 440 (nm) x 75 (nm) x 215 (nm)         Dimensional tolerances:       Category II, 440 x 75 x 218 EN 771-4:2011.         Category II, 440 x 75 x 215 nm. autoclaved aerated concrete masony units         Dimensional tolerances:       Category II, 440 x 75 x 218 EN 771-4:2011.         Category II, 440 x 75 x 215 nm. autoclaved aerated concrete masony units         Dimensional tolerances:       Category II, 440 x 75 x 218 EN 771-4:2011.         Dimensional tolerances:       Category II, 440 x 75 x 218 EN 771-4:2011.         Dimensional tolerances:       Category III was raport if was a 80 nm² [1 bed face, whole unit]. [Cat II]         Dimensional tolerances:       Category III was a 80 nm²         Neid	Measham Wo	rks, Atherstone Road,		Hanson Building Products Measham Works, Atherstone Road,		
15°       15°         Category II, 440 x 75 x 215 mm Jucked aerated concrete masonry units       Conforms to the Harmonised European Standard: BS EN 771-4:2011         Dimensional tolerances:       GPLM (unless stated otherwise on the delivery toles)       Category II, 440 x 75 x 215 mm, autoclaved aerated concrete masonry units         Dimensional tolerances:       GPLM (unless stated otherwise on the delivery toles)       Category II, 440 x 75 x 215 mm, autoclaved aerated concrete masonry units         Configuration:       Solid       Configuration:       Solid         Compressive strength:       Mean 3.60 N/mm <sup>2</sup> [L bed face, whole unit]. [Cat II]       Dimensional stability:       Solid         Mean Stability:       Normal 0.50 mm/m       Solid       Compressive strength:       Solid         Fload value:       0.15 N/mm <sup>2</sup> L bed face, whole unit]. [Cat II]       Dimensional stability:       Mean 3.60 N/mm <sup>2</sup> [L bed face, whole unit]. [Cat II]         Vater Absorption:       NPD       Euroclass A1       Molesure Movement:       Noninal 0.50 mm/m         Vater vapour diffusion coefficient:       NPD       Euroclass A1       NPD         Water vapour diffusion coefficient:       NPD       Solve       NPD         Water vapour diffusion coefficient:       Fixed Value:       5/10       Solve         Configuration:       As Above       Condiguration:       <	BS EN	N 771-4:2011			Conf	irms that:
Category II, 440 x 75 x 215 mm, x215 mm, x21					s	
Dimensions: 440 (mm) x 75 (mm) category:       GPLM (unless stated otherwise on the delivery ticket)       Provision to which the product conforms:       Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011         Configuration:       Solid       Dimensional tolerances:       category:       GPLM (unless stated otherwise on the delivery ticket)         Configuration:       Solid       Dimensional tolerances:       category:       GPLM (unless stated otherwise on the delivery ticket)         Dimension Stability:       Moisture Movement:       Nominal 0.50 mm/m       Solid       Compressive strength:       Solid         Bear Bond Strength:       Fixed value:       0.15 N/mm <sup>2</sup> Mole unit]. [Cat II]       Dimensional tability:       Mean 3.60 N/mm <sup>2</sup> [L bed face, whole unit]. [Cat II]         Shear Bond Strength:       Fixed value:       0.15 N/mm <sup>2</sup> Mole unit]. [Cat II]         Flexural Bond Strength:       NPD       Shear Bond Strength:       Nominal 0.50 mm/m         Water vapour diffusion coefficient :       Fixed Value:       5/10       NPD         Water vapour diffusion coefficient :       Gross density:       600 kg/m <sup>3</sup> Good kg/m <sup>3</sup> Configuration:       As Above       Gross density:       600 kg/m <sup>3</sup> Good kg/m <sup>3</sup> Configuration:       See Note       Ourability against freeze-thaw:       NPD       Gr	Category II, 440 x 75 x 215 mm at	utoclaved aerated concrete masonry units				
Configuration:       Solid       Configuration:       Category:       GPLM (unless stated otherwise on the delivery ticl         Compressive strength:       Mean 3.60 N/mm² [L bed face, whole unit]. [Cat II]       Configuration:       Solid         Dimension Stability:       Moisture Movement:       Nominal 0.50 mm/m       Mean 3.60 N/mm² [L bed face, whole unit]. [Cat II]         Shear Bond Strength:       Fixed value:       0.15 N/mm²       Moisture Movement:       Moisture Movement:       Moisture Movement:       Nominal 0.50 mm/m         Flexural Bond Strength:       NPD       Euroclass A1       Moisture Movement:       Nominal 0.50 mm/m         Water Absorption:       NPD       Picture Movement:       Nominal 0.50 mm/m       NeD         Water vapour diffusion coefficient:       Fixed Value:       0.15 N/mm²       Moisture Movement:       NPD         Vater vapour diffusion coefficient:       Fixed Value:       5/10       Not       Not       Not         Configuration:       As Above       Solo K/m³       Solo K/m³       Solo K/m³       Solo K/m³         Configuration:       So kokym³       Solo K/m³       Solo K/m³       Solo K/m³       Solo K/m³         Configuration:       As Above       Not       Solo K/m³       Solo K/m³       Solo K/m³       Solo K/m³       Solo K/m³	Dimensional tolerances:			Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4		
Dimension Stability:       Nominal 0.50 mm/m         Moisture Movement:       Nominal 0.50 mm/m         Shear Bond Strength:       0.15 N/mm²         Fixed value:       0.15 N/mm²         Moisture Movement:       Nominal 0.50 mm/m         Fixed value:       0.15 N/mm²         Moisture Movement:       Nominal 0.50 mm/m         Fixed value:       0.15 N/mm²         Moisture Movement:       Nominal 0.50 mm/m         Shear Bond Strength:       NPD         Reaction to fire:       Euroclass A1         Water Absorption:       NPD         Fixed Value:       5/10         Direct airborne sound insulation:       Fixed Value:         Gross density:       600 kg/m³         Configuration:       As Above         Configuration:       As Above         Thermal conductivity:       0.13 W/m.K [Anony unit. S2]         Durability against freeze-thaw:       NPD         Dangerous Substances:       See Note         Note: Information on Dangerous substances:       See Note	-				category:	GPLM (unless stated otherwise on the delivery ticket)
Fixed value:       0.15 N/mm²       Moisture Movement:       Nominal 0.50 mm/m         Flexural Bond Strength:       NPD       Shear Bond strength:       Indicator Moisture Movement:       Nominal 0.50 mm/m         Reaction to fire:       Euroclass A1       Shear Bond Strength:       NPD         Water Absorption:       NPD       Reaction to fire:       NPD       Reaction to fire:       NPD         Water vapour diffusion coefficient:       Fixed Value:       5/10       Reaction to fire:       Euroclass A1         Direct airborne sound insulation:       Fixed Value:       600 kg/m³       Sound       Moisture Movement:       NPD         Gross density:       600 kg/m³       600 kg/m³       Sound       Sound       Moisture Movement:       NPD         Thermal conductivity:       0.13 W/m.K [Atoday unit, S2]       Moisture Movement:       Moisture Movement:       NPD         Dangerous Substances:       See Note       Dangerous Substances:       See Note       Dangerous Substances:       See Note	Dimension Stability:			-		Solid Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Reaction to fire:       Euroclass A1       Fixed Value:       0.15 M/mm <sup>2</sup> Water Absorption:       NPD       Reaction to fire:       Euroclass A1         Water vapour diffusion coefficient :       Fixed Value:       functions A1         Water vapour diffusion coefficient :       Fixed Value:       functions A1         Water vapour diffusion coefficient :       Fixed Value:       functions A1         Direct airborne sound insulation:       Fixed Value:       folo         Configuration:       600 kg/m <sup>3</sup> fixed Value:       folo         Configuration:       As Above       fixed Value:       folo         Thermal conductivity:       0.13 W/m.K [\nto.dry unit, S2]       fixed Value:       fixed Value:       fixed Value:         Durability against freeze-thaw:       NPD       NPD       fixed Value:       fixed	Fixed value:			r	Moisture Movement:	Nominal 0.50 mm/m
Water Absorption:       NPD       Reaction to fire:       Euroclass A1         Water vapour diffusion coefficient:       inter absorption:       NPD         Direct airborne sound insulation:       Water vapour diffusion coefficient:       NPD         Gross density:       600 kg/m³       Mater vapour diffusion coefficient:       5/10         Configuration:       8 Above       Biologiantication:       600 kg/m³         Thermal conductivity:       0.13 W/m.K [A10,dry unit, S2]       Thermal conductivity:       0.13 W/m.K [A10,dry unit, S2]         Durability against freeze-thaw:       See Note       Dangerous Substances:       See Note         Note: Information on Dangerous substances witt-only be given when and where required in the       Note: Information on Dangerous substances witt-only be given when and where required in the	-			U	Fixed value:	
Fixed Value:     5/10     Water absorption:     NPD       Direct airborne sound insulation:     Gross density:     600 kg/m <sup>3</sup> Fixed Value:     5/10       Configuration:     As Above     Direct airborne sound insulation:     600 kg/m <sup>3</sup> Thermal conductivity:     0.13 W/m.K [\\label{liguration}, S2]     Thermal conductivity:     0.13 W/m.K [\\label{liguration}, S2]       Durability against freeze-thaw:     NPD     Durability against freeze-thaw:     NPD       Dangerous Substances:     See Note     See Note     See Note		NPD		Reaction to fire:		
Gross density:       600 kg/m³       Fixed Value:       5/10         Configuration:       As Above       Gross density:       600 kg/m³         Thermal conductivity:       0.13 W/m.K [\\10,dry unit, S2]       Thermal conductivity:       0.13 W/m.K [\\10,dry unit, S2]         Durability against freeze-thaw:       NPD       Durability against freeze-thaw:       NPD         Dangerous Substances:       See Note       See Note       See Note         Note: Information on Dangerous substances will-only be given when and where required in the       Note: Information on Dangerous substances will-only be given when and where required in the       Note: Information on Dangerous substances will-only be given when and where required in the	Fixed Value:	5/10		Water absorption:		NPD
Configuration:       As above         Configuration:       As above         Thermal conductivity:       0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]         Durability against freeze-thaw:       NPD         Dangerous Substances:       See Note         Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.		600 kg/m <sup>3</sup>		-	Fixed Value: tion:	
Durability against freeze-thaw:       NPD       Durability against freeze-thaw:       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 771-4:2011.       Note: Information on Dangerous substances will only be given when and where required in the appropriate form, See Annex ZA3 of BS EN 771-4:2011.	, and the second s					As above
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 771-4:2011.       Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.	•			-	w.	
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.						
appropriate form. See Annex ZA3 of BS EN 771-4:2011. The performance of the product identified above is in conformity with the declared values, when insta			]	Note: Information on Danger appropriate form. See Annex	ZA3 of BS EN 771-	l only be given when and where required in the 4:2011.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Measham Wor	uilding Products ks, Atherstone Road, am, DE12 7EL		Declaration of Performance DOP/HANUK/TH/6300735 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham. DE12 7EL		
				firms that:	
BS EN	I 771-4:2011		0011		
:	Shield 15		5	Shield 15	
		Confor	rms to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Category II, 440 x 90 x 215 mm au	itoclaved aerated concrete masonry units	Category	I 440 x 90 x 215 mm au	toclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 90 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	• •	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
с.,	Solid	Dimensional tolerances:			
Configuration: Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke	
Dimension Stability:	mean 3.00 minin [+ bed lace, whole dhid. [Cat ii]	-		Solid	
Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD	Shear Bond strength:			
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD	
Water Absorption:	NPD	Reaction to fire:		Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD	
Direct airborne sound insulation:		Water vapour diffusion of			
Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound in	Fixed Value:	5/10	
Configuration:	As Above		Gross density:	600 kg/m <sup>3</sup>	
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above 0.13 W/m.Κ [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD	Durability against freeze	e-thaw:		
Dangerous Substances:	See Note	Dangerous Substances:		NPD See Note	
Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the '1-4:2011.	Note: Information on Da appropriate form. See A	ngerous substances wil nnex ZA3 of BS EN 771-	I only be given when and where required in the	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



<b>C</b>	E			of Performance	
			The undersigned, re	presenting the following:	
Measham Work	uilding Products .s, Atherstone Road, m, DE12 7EL	Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
BS EN	771-4:2011		Conf	irms that:	
s	Shield 15		s	Shield 15	
		Conform	ns to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
	toclaved aerated concrete masonry units	Category II,	440 x 100 x 215 mm, au	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 100 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		andard: Annex ZA of BS EN 771-4:2011, Syste egulation (EU): 305/2011	
Configuration:	Solid	Dimensional tolerances:		GPLM (unless stated otherwise on the deliv	
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit].	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:			
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:		
Water Absorption:	NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient :				Euroclass A1	
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD	
Gross density:	600 ka/m <sup>3</sup>	Water vapour diffusion co	Fixed Value:	5/10	
Configuration:	As Above	Direct airborne sound ins	Gross density:	600 kg/m <sup>3</sup>	
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:		
Durability against freeze-thaw:	NPD	Durability against freeze-t	thaw:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Dangerous Substances:	See Note	Dangerous Substances:		NPD See Note	
	vill only be given when and where required in the 1-4:2011.	Note: Information on Dan appropriate form. See An	nex ZA3 of BS EN 771-4	l only be given when and where required in	

/stem 4

Dimensional tolerances:	: GPLM (unless stated otherwise on the delivery ticket)				
Configuration:	Solid				
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]				
Dimensional stability:	N : 1050 /				
Moisture Movemen Shear Bond strength:	t: Nominal 0.50 mm/m				
Fixed value	: 0.15 N/mm <sup>2</sup>				
Flexural Bond Strength:	NPD				
Reaction to fire:	Euroclass A1				
Water absorption:	NPD				
Water vapour diffusion coefficient:					
Fixed Value	e: 5/10				
Direct airborne sound insulation: Gross density Configuration					
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]				
Durability against freeze-thaw:	NPD				
Dangerous Substances:	See Note				
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.					

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

Signed on behalf of the manufacturer:

as la lathere Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



<b>C</b>	E		ſ		f Performance K/TH/6300766		
				The undersigned, representing the following:			
Hanson B Measham Wor Measha		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL					
BS EN	771-4:2011			Confi	rms that:		
	Shield 15			S	hield 15		
			Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011		
	utoclaved aerated concrete masonry units		Category II, 44	40 x 115 x 215 mm, au	toclaved aerated concrete masonry units		
Dimensions: 440 (mm) x 115 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011				
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category.	Solid		
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:				
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m		
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD		
Water Absorption:	NPD		Reaction to fire:		Euroclass A1		
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD		
Direct airborne sound insulation:			Water vapour diffusion coe	fficient:			
Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insul	Fixed Value: ation:	5/10		
Configuration:	As Above			Gross density: Configuration:	600 kg/m <sup>3</sup> As above		
Thermal conductivity:	$0.13 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}}, S2\right]$		Thermal conductivity:	coga.adon.	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]		
Durability against freeze-thaw:	NPD		Durability against freeze-the	aw:	NPD		
Dangerous Substances:	See Note		Dangerous Substances:		See Note		
Note: Information on Dangerous substances a appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.		appropriate form. See Anne	ex ZA3 of BS EN 771-4	only be given when and where required in the :2011.		

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

Signed on behalf of the manufacturer:

as la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson B Measham Wor Measha	Declaration of Performance DOP/HANUK/TH/6300773 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
BS EN	771-4:2011		Confi	rms that:
	Shield 15		-	hield 15
0		Conforms to	the Harmonised Eur	opean Standard: BS EN 771-4:2011
	utoclaved aerated concrete masonry units	Category II, 440	x 125 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 125 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	loisture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:	0,10	Water vapour diffusion coeffic	cient:	
Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound insulat	Fixed Value:	5/10
Configuration:	As Above		Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Comgulation.	0.13 W/m.K [λ <sub>10.dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw	<b>:</b>	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances a appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	appropriate form. See Annex	ZA3 of BS EN 771-4	only be given when and where required in the :2011.

Direct airborne sound insulation:						
Gross density: Configuration:	600 kg/m <sup>3</sup> As above					
Thermal conductivity:						
-	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]					
Durability against freeze-thaw:	NPD					
Dangerous Substances:	See Note					
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.						

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

Signed on behalf of the manufacturer:

as la lathere Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



(	F			of Performance IK/TH/6300780	
			The undersigned, re	presenting the following:	
Measham Work	uilding Products <s, atherstone="" road,<br="">m, DE12 7EL</s,>	Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
BS EN	771-4:2011		Conti	rms that:	
\$	Shield 15			hield 15	
		Conform	is to the Harmonised Eur	opean Standard: BS EN 771-4:2011	
Category II, 440 x 140 x 215 mm at	utoclaved aerated concrete masonry units	Category II,	440 x 140 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 140 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, Syst gulation (EU): 305/2011	
Configuration:	Solid	Dimensional tolerances:		GPLM (unless stated otherwise on the deliv	
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit].	
Shear Bond Strength:		Dimensional stability:			
Fixed value: Flexural Bond Strength:	0.15 N/mm <sup>2</sup> NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m	
-		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Reaction to fire:	Euroclass A1			NPD	
Water Absorption: Water vapour diffusion coefficient :	NPD	Reaction to fire:		Euroclass A1	
Fixed Value:	5/10	Water absorption:		NPD	
Direct airborne sound insulation:		Water vapour diffusion co		5/40	
Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound ins		5/10	
Configuration:	As Above		Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Thermal conductivity:	$0.13 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S2]$	Thermal conductivity:	<b>C</b>	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD	Durability against freeze-t	haw:	NPD	
Dangerous Substances:	See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	appropriate form. See Ani	nex ZA3 of BS EN 771-4	only be given when and where required in 1:2011.	

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Dimensional tolerances.	category:	GPLM (unless stated otherwise on the delivery ticket)			
Configuration:		Solid			
Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]			
Dimensional stability:					
Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m			
oncar bond strength.	Fixed value:	0.15 N/mm <sup>2</sup>			
Flexural Bond Strength:		NPD			
Reaction to fire:		Euroclass A1			
Water absorption:		NPD			
Water vapour diffusion coe					
Direct airborne sound insu	Fixed Value:	5/10			
Direct an borne sound insu	Gross density: Configuration:	600 kg/m <sup>3</sup> As above			
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]			
Durability against freeze-th	aw:	NPD			
Dangerous Substances:		See Note			
	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.				

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



(	F			f Performance IK/TH/6300803
			The undersigned, re	presenting the following:
Measham Work	uilding Products is, Atherstone Road, m, DE12 7EL		Measham Work Meashar	ilding Products s, Atherstone Road, n, DE12 7EL
BS EN	771-4:2011		Confi	rms that:
s	Shield 15		S	hield 15
		Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Category II, 440 x 150 x 215 mm au	toclaved aerated concrete masonry units	Category II, 4	40 x 150 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 150 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, Syst gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		GPLM (unless stated otherwise on the deliv
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit].
Shear Bond Strength:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Fixed value: Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
		U U		NPD
Water Absorption: Water vapour diffusion coefficient :	NPD	Reaction to fire:		Euroclass A1
Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion coe	efficient: Fixed Value:	5/10
Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound insu	lation:	
Configuration:	As Above		Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	-	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	NPD	Durability against freeze-th	aw:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note

/stem 4

Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		
Configuration:		Solid		
Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		
Dimensional stability:				
Mo Shear Bond strength:	bisture Movement:	Nominal 0.50 mm/m		
onear Dona strength.	Fixed value:	0.15 N/mm <sup>2</sup>		
Flexural Bond Strength:		NPD		
Reaction to fire:		Euroclass A1		
Water absorption:		NPD		
Water vapour diffusion coeffic				
Direct airborne sound insulation	Fixed Value:	5/10		
Direct all borne sound insulation	Gross density: Configuration:	600 kg/m <sup>3</sup> As above		
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]		
Durability against freeze-thaw:		NPD		
Dangerous Substances:		See Note		
Note: Information on Dangerou appropriate form. See Annex Z		only be given when and where required in the :2011.		

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson B Measham Wor Measha	uilding Products ks, Atherstone Road, m, DE12 7EL	C	DOP/HANU The undersigned, rep Hanson Bu Measham Works Meashan	bf Performance JK/TH/6300810 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL irms that:
-	Shield 15		-	hield 15
<b>Dimensions:</b> 440 (mm) x 190 (mm) x 215 (mm)	utoclaved aerated concrete masonry units	Category II, 44	0 x 190 x 215 mm, au	ropean Standard: <b>BS EN 771-4:2011</b> utoclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the p Dimensional tolerances:		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Moisture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1	Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	Reaction to fire:		NPD Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:	600 ka/m <sup>3</sup>	Water vapour diffusion coef	ficient: Fixed Value:	5/10
Gross density: Configuration:	As Above	Direct airborne sound insula	ation: Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above 0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-tha	iw:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances a appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	appropriate form. See Anne	x ZA3 of BS EN 771-4	only be given when and where required in the I:2011.

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

Signed on behalf of the manufacturer:

as la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson B Measham Wor Measha	uilding Products ks, Atherstone Road, am, DE12 7EL		DOP/HANU The undersigned, rej Hanson Bu Measham Works Meashan	bf Performance JK/TH/6300827 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL rms that:
	I 771-4:2011			
	Shield 15		-	hield 15
		Conforms to t	the Harmonised Eur	ropean Standard: BS EN 771-4:2011
	utoclaved aerated concrete masonry units	Category II, 440 x	x 200 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 200 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:	pisture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD	Shear Bond strength:		
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion coeffic		
Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound insulation	Fixed Value: on:	5/10
Configuration:	As Above		Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.13 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$	Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:	:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances a appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the '1-4:2011.	appropriate form. See Annex Z	A3 of BS EN 771-4	only be given when and where required in the I:2011.

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

Signed on behalf of the manufacturer:

as la latheren Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



C	E		DOP/HANU	of Performance JK/TH/6301268 presenting the following:
Measham Wor	uilding Products ks, Atherstone Road, am, DE12 7EL		Measham Work	ilding Products s, Atherstone Road, n, DE12 7EL
BS EN	V 771-4:2011		Confi	irms that:
	Shield 15		S	hield 15
		Conforms to	the Harmonised Eu	ropean Standard: BS EN 771-4:2011
	utoclaved aerated concrete masonry units	Category II, 440	x 100 x 140 mm, au	utoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 100 (mm) x 140 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		loisture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD	Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1	-		NPD
Water Absorption: Water vapour diffusion coefficient :	NPD	Reaction to fire:		Euroclass A1
Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation: Gross density:	600 kg/m <sup>3</sup>	Water vapour diffusion coeffic	Fixed Value:	5/10
Configuration:	As Above	Direct all portie Souriu Insulati	Gross density:	600 kg/m <sup>3</sup>
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	Configuration:	As above 0.13 W/m.Κ [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw	<i>r</i> :	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the '1-4:2011.	appropriate form. See Annex 2	ZA3 of BS EN 771-4	
See Also Declaration of Performance DOP/HA	NUK/TH/6301268			in conformity with the declared values, when installed in I general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



(	E	С		f Performance K/TH/6301381
		The undersigned, representing the following:		
Measham Wor	uilding Products ks, Atherstone Road, m, DE12 7EL	Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN	771-4:2011		Confi	rms that:
	Shield 15		-	hield 15
		Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
	utoclaved aerated concrete masonry units	Category II, 44	10 x 115 x 140 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 115 (mm) x 140 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	oatogory.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD	Reaction to fire:		
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		Euroclass A1 NPD
Direct airborne sound insulation:		Water vapour diffusion coef		
Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound insula	Fixed Value: ation:	5/10
Configuration:	As Above		Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	configuration.	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-tha	aw:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances of appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	appropriate form. See Anne	x ZA3 of BS EN 771-4	only be given when and where required in the :2011.

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

Signed on behalf of the manufacturer:

as la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



	CE		Declaration of Performance DOP/HANUK/TH/6301428 The undersigned, representing the following:			
Measham Wo	Building Products rks, Atherstone Road, am, DE12 7EL			Measham Work	iilding Products s, Atherstone Road, n, DE12 7EL	
BS Ef	N 771-4:2011			Conf	irms that:	
	Shield 15			s	hield 15	
			Conforms to t	the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
	autoclaved aerated concrete masonry units		Category II, 440 x	x 100 x 240 mm, au	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 100 (mm) x 240 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	Solid		
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [ $_{\rm \perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>			pisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Reaction to fire:	Euroclass A1		-		NPD	
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1	
Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation: Gross density:	600 kg/m <sup>3</sup>		Water vapour diffusion coeffici	Fixed Value:	5/10	
Configuration:	As Above		Direct all borne sound insulation	Gross density:	600 kg/m <sup>3</sup>	
Thermal conductivity:	$0.13 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S2]$		Thermal conductivity:	Configuration:	As above 0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:	:	NPD	
Dangerous Substances:	See Note		Dangerous Substances:		See Note	
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.		appropriate form. See Annex Z	A3 of BS EN 771-4		
See Also Declaration of Performance DOP/HA	ANUK/TH/6301428				in conformity with the declared values, when installed in general purpose or lightweight mortars.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/TH/6301398 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN	771-4:2011		Conf	irms that:	
Large F	format Shield 15		Large Fo	ormat Shield 15	
Dimensions: 440 (mm) x 100 (mm) x 430 (mm) Dimensional tolerances:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery	Categor	y II, 440 x 100 x 430 mm, a h the product conforms: Sta	ropean Standard: <b>BS EN 771-4:2011</b> utoclaved aerated concrete masonry units andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
category: Configuration: Compressive strength:	ticket) Solid Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]	Dimensional toleranc Configuration:		GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement: Shear Bond Strength: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	Compressive strengt		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m	
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1	Shear Bond strength: Flexural Bond Streng	Fixed value:	0.15 N/mm <sup>2</sup> NPD	
Water Absorption: Water vapour diffusion coefficient : Fixed Value:	NPD 5/10	Reaction to fire: Water absorption:		Euroclass A1 NPD	
Direct airborne sound insulation: Gross density: Configuration:	600 kg/m <sup>3</sup> As Above	Water vapour diffusio Direct airborne sound	Fixed Value: I insulation: Gross density:	5/10 600 kg/m <sup>3</sup>	
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity	Configuration:	As above 0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD	Durability against free	eze-thaw:	NPD	
Dangerous Substances: Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	See Note will only be given when and where required in the			See Note I only be given when and where required in the	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



(	· <b>C</b>	Declaration of Performance	
		The undersigned, representing the following:	
Hanson Building Products		Hanson Building Products	
	ks, Atherstone Road, am, DE12 7EL	Measham Works, Atherstone Road, Measham, DE12 7EL	
BS EN	I 771-4:2011	Confirms that:	
Large F	ormat Shield 15	Large Format Shield 15	
		Conforms to the Harmonised European Standard: BS EN 771-4:2011	
Category II, 440 x 115 x 430 mm a	utoclaved aerated concrete masonry units	Category II, 440 x 115 x 430 mm, autoclaved aerated concrete masonry units	5
Dimensions: 440 (mm) x 115 (mm) x 430 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, S Regulation (EU): 305/2011	System 4
Configuration:	Solid	Dimensional tolerances: category: GPLM (unless stated otherwise on the	delivery ticket)
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration: Solid	delivery tieket)
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength: Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole u	nit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability: Moisture Movement: Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD	Shear Bond strength:	
Reaction to fire:	Euroclass A1	Fixed value: 0.15 N/mm <sup>2</sup> Flexural Bond Strength: NPD	
Nater Absorption:	NPD	Reaction to fire: Euroclass A1	
Nater vapour diffusion coefficient : Fixed Value:	5/10	Water absorption: NPD	
Direct airborne sound insulation:		Water vapour diffusion coefficient:	
Gross density:	600 kg/m <sup>3</sup>	Fixed Value: 5/10 Direct airborne sound insulation:	
Configuration:	As Above	Gross density: 600 kg/m <sup>3</sup> Configuration: As above	
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:   0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD	Durability against freeze-thaw: NPD	
Dangerous Substances:	See Note	Dangerous Substances: See Note	
Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the '1-4:2011.	Note: Information on Dangerous substances will only be given when and where require appropriate form. See Annex ZA3 of BS EN 771-4:2011.	ed in the

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road,			The	DOP/HANU undersigned, re Hanson Bu	of Performance JK/TH/6301442 presenting the following: uilding Products s, Atherstone Road,
INIEdST	am, DE12 7EL	-			n, DE12 7EL
BS E	N 771-4:2011			Cont	irms that:
Large	Format Shield 15			Large Fo	ormat Shield 15
			Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011
	autoclaved aerated concrete masonry units		Category II, 440 x 12	25 x 430 mm, a	utoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 125 (mm) x 430 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery		Provision to which the produc		indard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 $\mbox{N/mm}^2$ [⊥ bed face, whole unit]. [Cat II]		Configuration:		Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm $^2$ [ $_{\perp}$ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	ure Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:		
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion coefficien	t: Fixed Value:	5/10
Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insulation:		_
Configuration:	As Above			Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:		$0.13 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}}, S2\right]$
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.		Note: Information on Dangerous appropriate form. See Annex ZA3		only be given when and where required in the 4:2011.
See Also Declaration of Performance DOP/H		4			s in conformity with the declared values, when installed in I general purpose or lightweight mortars.

Signed on behalf of the manufacturer:

as la lathere Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



(	F		Dec		f Performance IK/TH/6301411
			The	undersigned, re	presenting the following:
Measham Work	uilding Products s, Atherstone Road, m, DE12 7EL			Measham Work	ilding Products s, Atherstone Road, n, DE12 7EL
BS EN	771-4:2011			Conf	rms that:
Large F	ormat Shield 15	Γ		Large Fo	ormat Shield 15
Category II, 440 x 140 x 430 mm au	toclaved aerated concrete masonry units		Conforms to the	Harmonised Eu	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 140 (mm) x 430 (mm)	,		Category II, 440 x 14	40 x 430 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the produc		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength: Dimension Stability:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:		Solid
Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 $\text{N/mm}^2$ [ $_{\perp}$ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability: Moist	ure Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:		0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion coefficien		5/40
Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insulation:		5/10
Configuration:	As Above			Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]		Thermal conductivity:	<u>.</u>	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the		Note: Information on Dangerous s appropriate form. See Annex ZA3	substances will of BS EN 771-4	only be given when and where required in the I:2011.

as la latheren manufacturer:

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the



	C	E		Declaration of Performance DOP/HANUK/TH/6301534 The undersigned, representing the following:			
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL				Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
	BS EN	771-4:2011		Confirms that:			
	Large Fo	ormat Shield 15		Large Format Shield 15			
	440 000 400			Conforms to the	e Harmonised Eur	opean Standard: BS EN 771-4:2011	
		toclaved aerated concrete masonry units		Category II, 440 x 200 x 430 mm, autoclaved aerated concrete masonry units			
Dimensions: 440 (mm) x 2 Dimensional tolerances:		GPLM (unless stated otherwise on the delivery Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4					
Configuration:		Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 3.60 $\text{N/mm}^2$ [⊥ bed face, whole unit]. [Cat II]		Configuration:		Solid	
Dimension Stability:	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm $^2$ [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Thea value.	NPD	
Water Absorption:		NPD		Reaction to fire:		Euroclass A1	
Water vapour diffusion c	<b>oefficient :</b> Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound in	sulation:			Water vapour diffusion coefficie			
	Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insulatior		5/10	
	Configuration:	As Above			Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	U I	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-	-thaw:	NPD		Durability against freeze-thaw:		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 771-4:2011.				appropriate form. See Annex ZA	3 of BS EN 771-4	only be given when and where required in the 1:2011.	

5		Solid			
Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [1 bed face, whole unit]. [Cat II]			
Dimensional stability:					
Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m			
Shear bond strength.	Fixed value:	0.15 N/mm <sup>2</sup>			
Flexural Bond Strength:		NPD			
Reaction to fire:		Euroclass A1			
Water absorption:		NPD			
Water vapour diffusion coe	efficient:				
Direct airborne sound insu	Fixed Value:	5/10			
Direct airborne sound insu	Gross density:	600 kg/m <sup>3</sup>			
	Configuration:	As above			
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]			
Durability against freeze-th	aw:	NPD			
Dangerous Substances:		See Note			
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.					

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



	Measham Work	uilding Products ks, Atherstone Road, m, DE12 7EL	Declaration of Performance DOP/HANUK/TH/6301435 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
	BS EN	771-4:2011	Confirms that:		
Large Format Shield 15			Large Format Shield 15		
Category II, 540 x 100 x 440 mm autoclaved aerated concrete masonry units Dimensions: 540 (mm) x 100 (mm) x 440 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery			Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 540 x 100 x 440 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration: Compressive strength:	category:	ticket) Solid Mean 3.00 N/mm² [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: M Shear Bond Strength:	loisture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	Compressive strength: Dimensional stability: Moist	ure Movement:	Mean 3.00 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:		NPD Euroclass A1	Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion coe	fficient : Fixed Value:	NPD 5/10	Reaction to fire: Water absorption:		Euroclass A1 NPD
Direct airborne sound insul	lation: Gross density: Configuration:	600 kg/m <sup>3</sup> As Above	Water vapour diffusion coefficien Direct airborne sound insulation:	Fixed Value: Gross density:	5/10 600 kg/m <sup>3</sup>
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above 0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-the	aw:	NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:         See Note           Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.			appropriate form. See Annex ZA3	of BS EN 771-	See Note I only be given when and where required in the 4:2011. s in conformity with the declared values, when installed in
See Also Declaration of Per	rformance DOP/HA	NUK/TH/6301435			general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



	(	F				of Performance JK/TH/6300599		
				The undersigned, representing the following:				
	Measham Work	uilding Products s, Atherstone Road, n, DE12 7EL	-	Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:				
	BS EN	771-4:2011			Cont	irms that:		
	Pa	rty Wall 15		Party Wall 15				
				Conform	is to the Harmonised Eu	ropean Standard: BS EN 771-4:2011		
		toclaved aerated concrete masonry units		Category II,	440 x 100 x 215 mm, au	utoclaved aerated concrete masonry units		
Dimensions: 440 (mm) x 100 Dimensional tolerances:	) (mm) x 215 (mm) category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		andard: Annex ZA of BS EN 771-4:2011, Syster gulation (EU): 305/2011		
Configuration:		Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delive		
Compressive strength:	trength: Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Configuration:	Configuration:	category.	Solid				
Dimension Stability:	pisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [0		
Shear Bond Strength:				Dimensional stability:				
Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m		
_				Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		
Reaction to fire:		Euroclass A1		_		NPD		
Water Absorption: Water vapour diffusion coef	fficient ·	NPD		Reaction to fire:		Euroclass A1		
	Fixed Value:	5/10		Water absorption:		NPD		
Direct airborne sound insula	ation:			Water vapour diffusion co	efficient: Fixed Value:	5/10		
	Gross density:	660 kg/m <sup>3</sup>		Direct airborne sound inse	ulation:			
	Configuration:	As Above			Gross density: Configuration:	660 kg/m <sup>3</sup> As above		
Thermal conductivity:		0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:		$0.14 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$		
Durability against freeze-tha	aw:	NPD		Durability against freeze-t	haw:	NPD		
Dangerous Substances:		See Note		Dangerous Substances:		See Note		
Note: Information on Dange appropriate form. See Anne		vill only be given when and where required in the I-4:2011.		appropriate form. See Ann	nex ZA3 of BS EN 771-4	l only be given when and where required in 4:2011.		

Dimensional tolerances:	anto nom u	CDI M (uplace stated athemuice on the delivery ticket)				
Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid				
Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]				
Dimensional stability:	4-:					
Shear Bond strength:	Noisture Movement:	Nominal 0.50 mm/m				
	Fixed value:	0.15 N/mm <sup>2</sup>				
Flexural Bond Strength:		NPD				
Reaction to fire:		Euroclass A1				
Water absorption:		NPD				
Water vapour diffusion coeff	icient:					
Direct sink sure sound in sules	Fixed Value:	5/10				
Direct airborne sound insulat	Gross density: Configuration:	660 kg/m <sup>3</sup> As above				
Thermal conductivity:		0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]				
Durability against freeze-thav	v:	NPD				
Dangerous Substances:		See Note				
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.						

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

Signed on behalf of the manufacturer:

as la lathere Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson B Measham Wo Meash BS E		Declaration of Performance DOP/HANUK/TH/6300605 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:				
Р	arty Wall		Party Wall			
	15		15			
Category II 440 x 215 x 215 mm 3	autoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: BS EN 771-4:2011			
			Category II, 440	) x 215 x 215 mm, au	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 215 (mm) x 215 (mm) Dimensional tolerances: category:						
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	outogory.	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Tixed value.	NPD	
Water Absorption:	NPD		Reaction to fire:		Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation:			Water vapour diffusion coeff	icient: Fixed Value:	5/10	
Gross density:	660 kg/m <sup>3</sup>		Direct airborne sound insula	tion:		
Configuration:	As Above			Gross density: Configuration:	660 kg/m <sup>3</sup> As above	
Thermal conductivity:	0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	-	0.14 W/m.K [λ <sub>10,dry unit,</sub> S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thav	w:	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 Danger appropriate form. See Annex		only be given when and where required in the 4:2011.		
See Also Declaration of Performance DOP/H	-			in conformity with the declared values, when installed in general purpose or lightweight mortars.		

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

Date: 02 June 2015

Full name: Carl Cuthbert

as la latheren



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011				Declaration of Performance DOP/HANUK/TH/6301213 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
	Large For	mat Party Wall 15		Large Format Party Wall 15		
Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 100 (mm) x 430 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery				Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration: Compressive strength:	category:	ticket) Solid Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Shear Bond Strength:	e Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>		Compressive strength: Dimensional stability:	ture Movement:	Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:		NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion coefficien		NPD		Reaction to fire: Water absorption:		Euroclass A1
Direct airborne sound insulation:	Fixed Value:	5/10		Water vapour diffusion coefficien	nt:	NPD
	ross density: configuration:	660 kg/m <sup>3</sup> As Above		Direct airborne sound insulation:	Fixed Value: Gross density:	5/10 660 kg/m <sup>3</sup>
Thermal conductivity:	Gingaration	0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	As above 0.14 W/m.K [λ <sub>10,dry unit,</sub> S2]
		NPD		Durability against freeze-thaw:		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 771-4:2011.				Note: Information on Dangerous appropriate form. See Annex ZA3		l only be given when and where required in the 4:2011.
See Also Declaration of Performa			-			s in conformity with the declared values, when installed in general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/TH/6301145 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
BSE	N 771-4:2011			Com		
Flo	oring Slip 15			Floo	ring Slip 15	
Category II, 215 x 100 x 40 mm at Dimensions: 215 (mm) x 100 (mm) x 40 (mm) Dimensional tolerances: category:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 215 x 100 x 40 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement: Shear Bond Strength: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>		Compressive strength: Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Flexural Bond Strength:	NPD		Mo Shear Bond strength: Flexural Bond Strength:	isture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	
Reaction to fire: Water Absorption:	Euroclass A1 NPD		Reaction to fire:		NPD Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation: Gross density: Configuration:	·		Water vapour diffusion coeffici Direct airborne sound insulatio	Fixed Value: on: Gross density:	5/10 730 kg/m <sup>3</sup>	
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		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 Dangerou appropriate form. See Annex Z		only be given when and where required in the I:2011.		
See Also Declaration of Performance DOP/HA	NUK/TH/6301145	•			in conformity with the declared values, when installed in general purpose or lightweight mortars.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



	(	F			of Performance			
			The undersigned, representing the following:					
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:					
	BS EN	771-4:2011		Com				
	Floc	ring Slip 15		Floo	oring Slip 15			
			Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011			
Category II, 2	215 x 100 x 65 mm au	toclaved aerated concrete masonry units	Category II,	215 x 100 x 65 mm, au	toclaved aerated concrete masonry units			
Dimensions: 215 (mm) x 10 Dimensional tolerances:	00 (mm) x 65 (mm) category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		andard: Annex ZA of BS EN 771-4:2011, System equlation (EU): 305/2011			
Configuration:		Solid	Dimensional tolerances:					
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delive Solid			
Dimension Stability:			Compressive strength:					
Shear Bond Strength:	Moisture Movement:	Nominal 0.50 mm/m	Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [(			
	Fixed value:	0.15 N/mm <sup>2</sup>	2	Moisture Movement:	Nominal 0.50 mm/m			
Flexural Bond Strength:		NPD	Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>			
Reaction to fire:		Euroclass A1	Flexural Bond Strength:		NPD			
Water Absorption:		NPD	Reaction to fire:		Euroclass A1			
Water vapour diffusion co	efficient : Fixed Value:	5/10	Water absorption:		NPD			
Direct airborne sound insu	ulation:		Water vapour diffusion co		5/40			
	Gross density:	730 kg/m <sup>3</sup>	Direct airborne sound inst		5/10			
	Configuration:	As Above		Gross density: Configuration:				
Thermal conductivity:		$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S2]$	Thermal conductivity:	eenigalaten	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]			
Durability against freeze-t	haw:	NPD	Durability against freeze-t	haw:	NPD			
Dangerous Substances:		See Note	Dangerous Substances:		See Note			
Note: Information on Dang appropriate form. See Anr		vill only be given when and where required in the 1-4:2011.	Note: Information on Dang appropriate form. See Ann	gerous substances wil nex ZA3 of BS EN 771-	l only be given when and where required in 4:2011.			

Dimensional tolerances:	ory: GPLM (unless stated otherwise on the delivery ticket)			
Configuration:	Solid			
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]			
Dimensional stability:	· · · · · · · · · · · · · · · · · · ·			
Moisture Moveme Shear Bond strength:	ent: Nominal 0.50 mm/m			
Fixed val	lue: 0.15 N/mm <sup>2</sup>			
Flexural Bond Strength:	NPD			
Reaction to fire:	Euroclass A1			
Water absorption:	NPD			
Water vapour diffusion coefficient:				
Fixed Val	lue: 5/10			
Direct airborne sound insulation: Gross dens Configurati				
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]			
Durability against freeze-thaw:	NPD			
Dangerous Substances:	See Note			
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.				

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

Signed on behalf of the manufacturer:

as la lathere

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 771-4:2011 BIS EN 771-4:2011 Floor End Block 15			Declaration of Performance DOP/HANUK/TH/6301343 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Floor End Block 15		JK/TH/6301343 presenting the following: uilding Products s, Atherstone Road, n, DE12 7EL irms that: End Block
Category II, 440 x 150 x 140 mm a	utoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 150 (mm) x 140 (mm)			Category II, 440 x 1	50 x 140 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the produ		andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 7.30 $\text{N/mm}^2$ [ $\!\!\!\perp$ bed face, whole unit]. [Cat II]		Configuration:		Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability: Mois	sture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		Flexural Bond Strength:		NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion coefficie	nt: Fixed Value:	5/10
Gross density:	730 kg/m <sup>3</sup>		Direct airborne sound insulation	:	
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	J.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		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 appropriate form. See Annex ZA		only be given when and where required in the 4:2011.	
See Also Declaration of Performance DOP/HA	ANUK/TH/6301343	-			s in conformity with the declared values, when installed in I general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011 Floor End Block 15			Declaration of Performance DOP/HANUK/TH/6301350 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Floor End Block 15		JK/TH/6301350 presenting the following: iilding Products s, Atherstone Road, n, DE12 7EL irms that: End Block	
Category II, 440 x 175 x 140 mm a	utoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 175 x 140 mm, autoclaved aerated concrete masonry units			
Dimensions: 440 (mm) x 175 (mm) x 140 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration: Compressive strength:	Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m		Compressive strength: Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Fixed value: Fiexural Bond Strength:	0.15 N/mm <sup>2</sup> NPD			sture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	NPD	
Water Absorption: Water vapour diffusion coefficient : Fixed Value:	NPD 5/10		Reaction to fire: Water absorption:		Euroclass A1	
Direct airborne sound insulation: Gross density:	<u>^</u>		Water vapour diffusion coefficie Direct airborne sound insulatior	Fixed Value:	5/10	
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:		$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD	
Dangerous Substances:       See Note         Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.       Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.						

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6301558 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Floor End Block			
FIOO	r End Block 15			FIOU	15	
	utoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 530 x 440 x 145 mm, autoclaved aerated concrete masonry units			
Dimensions: 530 (mm) x 440 (mm) x 145 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration: Compressive strength:	Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:				sture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD	
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1	
Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation: Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion coefficie	Fixed Value:	5/10	
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	comgatation.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		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 771-4:2011.						
See Also Declaration of Performance DOP/HA		•			s in conformity with the declared values, when installed in I general purpose or lightweight mortars.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/TH/6300216 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
BS EI	N 771-4:2011					
His	Strength 7 15			Hi St	trength 7 15	
			Conforms to the	e Harmonised Fu	ropean Standard: BS EN 771-4:2011	
Category II, 440 x 100 x 215 mm a	autoclaved aerated concrete masonry units					
Dimensions: 440 (mm) x 100 (mm) x 215 (mm)			Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units			
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:		Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:			Dimensional stability:			
Flexural Bond Strength:	NPD		Mois Shear Bond strength:	sture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
	NPD		Reaction to fire:		NPD	
Water Absorption: Water vapour diffusion coefficient :	NPD				Euroclass A1	
Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation:	3		Water vapour diffusion coefficie	nt: Fixed Value:	5/10	
Gross density:	5		Direct airborne sound insulation		730 ka/m <sup>3</sup>	
Configuration:			The survey of a standard the iter.	Configuration:	As above	
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD	
Dangerous Substances:	See Note		Dangerous Substances:	aubatanaas!!!	See Note	
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.		appropriate form. See Annex ZA	3 of BS EN 771-		
See Also Declaration of Performance DOP/HANUK/TH/6300216 The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.						

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300230 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
н	Strength 7 15		Hi Strength 7 15		
Category II, 440 x 115 x 215 mm Dimensions: 440 (mm) x 115 (mm) x 215 (mm Dimensional tolerances: category	GPLM (unless stated otherwise on the delivery		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 115 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement Shear Bond Strength: Fixed value			Compressive strength: Dimensional stability:	bisture Movement:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion coefficient : Fixed Value	NPD : 5/10		Reaction to fire: Water absorption:		Euroclass A1
Direct airborne sound insulation: Gross density Configuration	5		Water vapour diffusion coeffici Direct airborne sound insulatio	Fixed Value: on: Gross density:	5/10 730 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.16 \text{ W/m.K} [\lambda_{10,dry unit}, S2]$		Thermal conductivity:	Configuration:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		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 771-4:2011.				4:2011.	
See Also Declaration of Performance DOP/H	ANUK/TH/6300230				s in conformity with the declared values, when installed in general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300247 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Hi Strength 7			
п	Strength 7 15		Hi Strength 7 15			
Category II, 440 x 125 x 215 mm	autoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 125 x 215 mm, autoclaved aerated concrete masonry units			
Dimensions: 440 (mm) x 125 (mm) x 215 (mm Dimensional tolerances: category	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value			Dimensional stability: M Shear Bond strength:	oisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD	
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1	
Fixed Value	5/10		Water absorption:		NPD	
Direct airborne sound insulation: Gross density	730 kg/m <sup>3</sup>		Water vapour diffusion coeffic	Fixed Value:	5/10	
Configuration	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10,dry unit}$ , S2]		Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw	:	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 Dangero appropriate form. See Annex 2		l only be given when and where required in the 4:2011.		
See Also Declaration of Performance DOP/H	ANUK/TH/6300247	-			s in conformity with the declared values, when installed in general purpose or lightweight mortars.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011 Hi Strength 7			Declaration of Performance DOP/HANUK/TH/6300261 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
	15				15	
	utoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units			
Dimensions: 440 (mm) x 140 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration: Compressive strength:	Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:			Dimensional stability: Mois Shear Bond strength:	sture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD	
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1	
Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation: Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion coefficie	Fixed Value:	5/10	
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]		Thermal conductivity:	eoniguration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD	
Dangerous Substances:	See Note		Dangerous Substances:		See Note	
			Note: Information on Dangerous appropriate form. See Annex ZA		l only be given when and where required in the 4:2011.	
See Also Declaration of Performance DOP/HA		•			s in conformity with the declared values, when installed in I general purpose or lightweight mortars.	

as la latheren manufacturer:

Date: 02 June 2015

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

Signed on behalf of the



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011 Hi Strength 7			Declaration of Performance DOP/HANUK/TH/6300285 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Hi Strength 7			
	15				15	
Category II, 440 x 150 x 215 mm a	utoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units			
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration: Compressive strength:	Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>			sture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Water Absorption:	NPD		Reaction to fire:		NPD Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation: Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion coefficie Direct airborne sound insulation	Fixed Value:	5/10	
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]		Thermal conductivity:	comgaration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		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 771-4:2011.						
See Also Declaration of Performance DOP/HA		•			s in conformity with the declared values, when installed in I general purpose or lightweight mortars.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011 Hi Strength 7			Declaration of Performance DOP/HANUK/TH/6300292 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
	15				15
Category II, 440 x 190 x 215 mm a Dimensions: 440 (mm) x 190 (mm) x 215 (mm) Dimensional tolerances:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4		
category:	ticket) Solid		Dimensional tolerances:	Re category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:				oisture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation: Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion coeffic Direct airborne sound insulati	Fixed Value:	5/10
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$		Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw	:	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 Dangero appropriate form. See Annex		l only be given when and where required in the 4:2011.	
See Also Declaration of Performance DOP/HA		•			s in conformity with the declared values, when installed in general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson B Measham Worl Measha BS EN	Declaration of Performance DOP/HANUK/TH/6300308 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
Hi S	trength 7		Hi S	trength 7
	15			15
Category II 440 x 200 x 215 mm a	utoclaved aerated concrete masonry units	Conforms to th	e Harmonised Eu	ropean Standard: BS EN 771-4:2011
		Category II, 440 x 2	200 x 215 mm, a	utoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 200 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid
Dimension Stability:		Compressive strength:		
Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m	Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>	Mois	sture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD	Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1	Flexural Bond Strength:		NPD
Water Absorption: Water vapour diffusion coefficient :	NPD	Reaction to fire:		Euroclass A1
Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion coefficie		
Gross density:	730 kg/m <sup>3</sup>	Direct airborne sound insulatior	Fixed Value: 1:	5/10
Configuration:	As Above		Gross density:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10,dry unit}$ , S2]	Thermal conductivity:	Configuration:	AS above 0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		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 appropriate form. See Annex ZA	3 of BS EN 771-	l only be given when and where required in the 4:2011.	
See Also Declaration of Performance DOP/HA	NUK/TH/6300308			s in conformity with the declared values, when installed in general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Br Measham Work Measha BS EN	Declaration of Performance DOP/HANUK/TH/6300315 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
Hi S	trength 7 15		Hi Si	trength 7 15
Dimensions: 440 (mm) x 215 (mm) x 215 (mm) Dimensional tolerances:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery	Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4		
category: Configuration: Compressive strength:	ticket) Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	gulation (EU): 305/2011 GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	Compressive strength: Dimensional stability:	sture Movement:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1	Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption: Water vapour diffusion coefficient : Fixed Value:	NPD 5/10	Reaction to fire: Water absorption:		Euroclass A1
Direct airborne sound insulation: Gross density: Configuration:	730 kg/m <sup>3</sup> As Above	Water vapour diffusion coefficie Direct airborne sound insulatior	Fixed Value: n: Gross density:	5/10 730 kg/m <sup>3</sup>
Thermal conductivity:	$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$	Thermal conductivity:	Configuration:	As above 0.16 W/m.Κ [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	NPD See Note	Durability against freeze-thaw:		NPD
Dangerous Substances: Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	appropriate form. See Annex ZA	3 of BS EN 771-	See Note I only be given when and where required in the 4:2011. s in conformity with the declared values, when installed in	
See Also Declaration of Performance DOP/HA	NUK/TH/6300315			l general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



		] [				
( (			Dec		of Performance JK/TH/6301305	
			The undersigned, representing the following:			
Measham	n Building Products Norks, Atherstone Road, Isham, DE12 7EL		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
BS	5 EN 771-4:2011			Conf	irms that:	
Large F	Format Hi Strength 7 15			Large Form	at Hi Strength 7 15	
Category II, 440 x 100 x 430 m	m autoclaved aerated concrete masonry units				ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 100 (mm) x 430 (m	m)		Category II, 440 x 1	00 x 430 mm, a	utoclaved aerated concrete masonry units	
Dimensional tolerances: catego	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	outogory.	Solid	
Dimension Stability: Moisture Moveme	nt: Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value	ue: 0.15 N/mm <sup>2</sup>		Dimensional stability:	sture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD		Shear Bond strength:			
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD	
Water Absorption:	NPD		Reaction to fire:		Euroclass A1	
Water vapour diffusion coefficient : Fixed Value	ue: 5/10		Water absorption:		NPD	
Direct airborne sound insulation:			Water vapour diffusion coefficie	nt: Fixed Value:	5/10	
Gross densi	ty: 730 kg/m <sup>3</sup>		Direct airborne sound insulation	:		
Configuratio	on: As Above			Gross density: Configuration:	730 kg/m³ As above	
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	U I	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD	
Dangerous Substances:	See Note		Dangerous Substances:		See Note	
Note: Information on Dangerous substanc appropriate form. See Annex ZA3 of BS EI	es will only be given when and where required in the N 771-4:2011.		Note: Information on Dangerous appropriate form. See Annex ZA	substances wil 3 of BS EN 771-	l only be given when and where required in the 4:2011.	
See Also Declaration of Performance DOP	/HANUK/TH/6301305	-		s instructions and	s in conformity with the declared values, when installed in d general purpose or lightweight mortars.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011 Large Format Hi Strength 7			Declaration of Performance DOP/HANUK/TH/6301312 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Large Format Hi Strength 7		
	15 utoclaved aerated concrete masonry units		15 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 140 x 430 mm, autoclaved aerated concrete masonry units		
Dimensions: 440 (mm) x 140 (mm) x 430 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the produc		indard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup> NPD		Dimensional stability: Moist Shear Bond strength:	ure Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1
Fixed Value:	5/10		Water absorption:		NPD
Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion coefficien	Fixed Value:	5/10
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]		Thermal conductivity:	3	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the 71-4:2011.		Note: Information on Dangerous appropriate form. See Annex ZA3		only be given when and where required in the 4:2011.
See Also Declaration of Performance DOP/HA		•			s in conformity with the declared values, when installed in I general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



	CE	Declaration of Performance DOP/HANUK/TH/6301541
		The undersigned, representing the following:
	anson Building Products am Works, Atherstone Road, Measham, DE12 7EL	Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL
	BS EN 771-4:2011	Confirms that:
La	rge Format Hi Strength 7 15	Large Format Hi Strength 7 15
		Conforms to the Harmonised European Standard: BS EN 771-4:2011
	30 mm autoclaved aerated concrete masonry units	Category II, 440 x 150 x 430 mm, autoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 150 (mm) x 43 Dimensional tolerances:	GPLM (unless stated otherwise on the delivery tegory: ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration: Color Solid CPLM (unless stated otherwise on the delivery ticke
Dimension Stability: Moisture Mov	rement: Nominal 0.50 mm/m	Compressive strength: Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed	l value: 0.15 N/mm <sup>2</sup>	Dimensional stability: Moisture Movement: Nominal 0.50 mm/m
Flexural Bond Strength:	NPD	Shear Bond strength: Fixed value: 0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1	Flexural Bond Strength: NPD
Water Absorption:	NPD	Reaction to fire: Euroclass A1
Water vapour diffusion coefficient : Fixed	Value: 5/10	Water absorption: NPD
Direct airborne sound insulation:		Water vapour diffusion coefficient: Fixed Value: 5/10
Gross	density: 730 kg/m <sup>3</sup>	Direct airborne sound insulation:
Config	uration: As Above	Gross density: 730 kg/m³ Configuration: As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:   0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw: NPD
Dangerous Substances:	See Note	Dangerous Substances: See Note
Note: Information on Dangerous subs appropriate form. See Annex ZA3 of E	tances will only be given when and where required in the S EN 771-4:2011.	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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.

as la lathere

Date: 02 June 2015



	CE			DOP/HAN	Df Performance
			In	e undersigned, re	epresenting the following:
Measham	on Building Products Works, Atherstone Road, asham, DE12 7EL		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
B	S EN 771-4:2011			Conf	firms that:
Pai	nt Grade Smooth 15			Paint G	rade Smooth 15
			Conforms to the	a Harmonised Fu	ropean Standard: BS EN 771-4:2011
Category II, 440 x 100 x 215 m	m autoclaved aerated concrete masonry units				
Dimensions: 440 (mm) x 100 (mm) x 215 (m	(m)		Category II, 440 x 1	100 x 215 mm, a	utoclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:		ODIM (unless stated attention on the delivery ticket)
Compressive strength:	Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Dimension Stability:					Solid
Moisture Moveme	ent: Nominal 0.50 mm/m		Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed val	ue: 0.15 N/mm <sup>2</sup>		Dimensional stability:	sture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:	sture wovement.	Nominal 0.50 mm/m
-			Flowing Dand Strongth	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		Flexural Bond Strength:		NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Val	ue: 5/10		Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion coefficie		
Gross dens	ity: 660 kg/m <sup>3</sup>		Direct airborne sound insulation	Fixed Value:	5/10
Configuration	on: As Above			Gross density: Configuration:	660 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.14 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S2]$		Thermal conductivity:	Configuration:	0.14 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substanc appropriate form. See Annex ZA3 of BS E	es will only be given when and where required in the N 771-4:2011.		Note: Information on Dangerous appropriate form. See Annex ZA		I only be given when and where required in the 4:2011.
See Also Declaration of Performance DOF	/HANUK/TH/6300612	_			s in conformity with the declared values, when installed in d general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011		-	Declaration of Performance DOP/HANUK/TH/6300629 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
	t Grade Smooth 15			Paint Gr	ade Smooth 15
Category II, 440 x 140 x 215 m Dimensions: 440 (mm) x 140 (mm) x 215 (m Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Category II, 440 x 1	40 x 215 mm, au	ropean Standard: <b>BS EN 771-4:2011</b> utoclaved aerated concrete masonry units undard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Moveme Shear Bond Strength: Fixed value			Compressive strength: Dimensional stability: Mois	ture Movement:	Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm² NPD
Water Absorption: Water vapour diffusion coefficient : Fixed Valu	NPD e: 5/10		Reaction to fire: Water absorption:		Euroclass A1 NPD
Direct airborne sound insulation: Gross densi			Water vapour diffusion coefficien Direct airborne sound insulation	Fixed Value:	5/10 660 kg/m <sup>3</sup>
Configuratic Thermal conductivity:	n: As Above 0.14 W/m.Κ [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	As above 0.14 W/m.K [ $\lambda_{10,dry unit}$ , S2]
Durability against freeze-thaw: Dangerous Substances:	NPD See Note		Durability against freeze-thaw: Dangerous Substances:		NPD See Note
Note: Information on Dangerous substanc appropriate form. See Annex ZA3 of BS EN	es will only be given when and where required in the 1771-4:2011.		Note: Information on Dangerous appropriate form. See Annex ZA:	3 of BS EN 771-4	only be given when and where required in the

Reaction to fire:	Euroclass A1						
Vater absorption:	NPD						
Vater vapour diffusion coefficient:							
Fixed Value:	5/10						
Direct airborne sound insulation:							
Gross density:	660 ka/m <sup>3</sup>						
Configuration:	As above						
hermal conductivity:							
nermal conductivity.	0.14 W/m.K [λ <sub>10,dry unit,</sub> S2]						
Ourability against freeze-thaw:							
arability against hoozo than.	NPD						
Dangerous Substances:	See Note						
lote: Information on Dangerous substances will only be given when and where required in the ppropriate form. See Annex ZA3 of BS EN 771-4:2011.							

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

Signed on behalf of the manufacturer:

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 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300636 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
	Paint Gr	ade Smooth 15			ade Smooth 15
Category II, 440 Dimensions: 440 (mm) x 150 Dimensional tolerances:		toclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration: Compressive strength:		Solid Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Mo Shear Bond Strength:	oisture Movement:	Nominal 0.50 mm/m	Compressive strength: Dimensional stability:		Mean 4.00 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD		ture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Reaction to fire: Water Absorption:		Euroclass A1 NPD	Reaction to fire:		NPD Euroclass A1
Water vapour diffusion coef	Fixed Value:	5/10	Water absorption:		NPD
	Gross density:	660 kg/m <sup>3</sup>	Water vapour diffusion coefficien Direct airborne sound insulation	Fixed Value:	5/10 660 ka/m <sup>3</sup>
Thermal conductivity:	Configuration:	As Above 0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Gross density: Configuration:	660 kg/m² As above 0.14 W/m.K [λ <sub>10.dry unit.</sub> S2]
Durability against freeze-tha	aw:	NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:		See Note	Dangerous Substances:	substances will	See Note only be given when and where required in the
Note: Information on Dange appropriate form. See Anne		vill only be given when and where required in the 1-4:2011.	appropriate form. See Annex ZA	3 of BS EN 771-4	

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

Signed on behalf of the manufacturer:

as la lathere Full name: Carl Cuthbert

.

Position: Head of Quality and Clay Services



(	' <b>F</b>		Dec		of Performance JK/TH/6300643	
			The undersigned, representing the following:			
Measham Wor	uilding Products ks, Atherstone Road, ım, DE12 7EL		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
BS FN	1771-4:2011			Conf	irms that:	
	rade Smooth 15			Paint Gr	rade Smooth 15	
			Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011	
	utoclaved aerated concrete masonry units		Category II, 440 x 1	90 x 215 mm, a	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 190 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the produc		andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:		Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability: Moist	ture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	NPD	
Water Absorption:	NPD		Reaction to fire:		Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation:			Water vapour diffusion coefficier	nt: Fixed Value:	5/40	
Gross density:	660 kg/m <sup>3</sup>		Direct airborne sound insulation:	:	5/10	
Configuration:	As Above			Gross density: Configuration:	660 kg/m <sup>3</sup> As above	
Thermal conductivity:	$0.14 \text{ W/m.K} [\lambda_{10,dry unit}, S2]$		Thermal conductivity:	-	0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD	
Dangerous Substances:	See Note		Dangerous Substances:		See Note	
Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the '1-4:2011.		Note: Information on Dangerous appropriate form. See Annex ZA3		l only be given when and where required in the 4:2011.	
See Also Declaration of Performance DOP/HA	NUK/TH/6300643	-			s in conformity with the declared values, when installed in general purpose or lightweight mortars.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011 BS EN 771-4:2011 Paint Grade Smooth 15			Declaration of Performance DOP/HANUK/TH/6300650 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Paint Grade Smooth 15		
Category II, 440 x 200 x 215 mm	autoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 200 (mm) x 215 (mn	))		Category II, 440 x 2	200 x 215 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	catego.j.	Solid
Dimension Stability: Moisture Movemen	:: Nominal 0.50 mm/m		Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value	: 0.15 N/mm <sup>2</sup>		Dimensional stability: Mois	sture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Tixeu value.	NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value	: 5/10		Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion coefficie		5/40
Gross density	r: 660 kg/m <sup>3</sup>		Direct airborne sound insulation	Fixed Value:	5/10
Configuration	: As Above			Gross density: Configuration:	660 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.14 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S2]$		Thermal conductivity:		0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN	s will only be given when and where required in the 771-4:2011.	] [	Note: Information on Dangerous appropriate form. See Annex ZA		l only be given when and where required in the 4:2011.
See Also Declaration of Performance DOP/I	IANUK/TH/6300650	_			s in conformity with the declared values, when installed in general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



	(	C		of Performance		
		The undersigned, representing the following:				
Hanso Measham \ Mea	Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL					
BS	S EN 771-4:2011		Cont	irms that:		
Pair	nt Grade Smooth 15		Paint Gr	rade Smooth 15		
		Conforms t	o the Harmonised Eu	ropean Standard: BS EN 771-4:2011		
	m autoclaved aerated concrete masonry units	Category II, 44	0 x 215 x 215 mm, a	utoclaved aerated concrete masonry units		
Dimensions: 440 (mm) x 215 (mm) x 215 (m Dimensional tolerances: catego	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, Sys Regulation (EU): 305/2011				
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticl		
Compressive strength:	Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	calegory.	Solid		
Dimension Stability: Moisture Moveme	nt: Nominal 0.50 mm/m	Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		
Shear Bond Strength: Fixed value		Dimensional stability:				
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m		
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD		
Water Absorption:	NPD	Reaction to fire:				
Water vapour diffusion coefficient :		Water absorption:		Euroclass A1		
Fixed Valu	ue: 5/10			NPD		
Gross densi	ity: 660 ka/m <sup>3</sup>	Water vapour diffusion coef	Fixed Value:	5/10		
Configuratio	, .	Direct airborne sound insula	Gross density:	660 kg/m <sup>3</sup>		
Thermal conductivity:	0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above 0.14 W/m.K [λ <sub>10,dry unit,</sub> S2]		
Durability against freeze-thaw:	NPD	Durability against freeze-tha	w:	NPD		
Dangerous Substances:	See Note	Dangerous Substances:		See Note		
Note: Information on Dangerous substanc appropriate form. See Annex ZA3 of BS EI	es will only be given when and where required in the N 771-4:2011.			I only be given when and where required in the		

Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)					
Configuration:	Solid					
Compressive strength:	Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]					
Dimensional stability:	N. : 1050 (					
Moisture Movement: Shear Bond strength:	Nominal 0.50 mm/m					
Fixed value:	0.15 N/mm <sup>2</sup>					
Flexural Bond Strength:	NPD					
Reaction to fire:	Euroclass A1					
Water absorption:	NPD					
Water vapour diffusion coefficient:						
Fixed Value:	5/10					
Direct airborne sound insulation: Gross density: Configuration:	660 kg/m <sup>3</sup> As above					
Thermal conductivity:	$0.14 \text{ W/m.K} [\lambda_{10,dry \text{ unit,}} S2]$					
Durability against freeze-thaw:	NPD					
Dangerous Substances:	See Note					
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.						

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

Signed on behalf of the manufacturer:

as la lathere

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 771-4:2011 Hi Strength 7 Paint Grade Smooth		Declaration of Performance DOP/HANUK/TH/6300339 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Hi Strength 7 Paint Grade Smooth		
Category II, 440 x 100 x 215 mm au Dimensions: 440 (mm) x 100 (mm) x 215 (mm) Dimensional tolerances:	15 utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery	15 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4		
Configuration: Compressive strength:	ticket) Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances:		GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength: Fixed value:	Nominal 0.50 mm/m	Compressive strength: Dimensional stability:	ture Movement:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1	Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion coefficient : Fixed Value:	NPD 5/10	Reaction to fire: Water absorption:		Euroclass A1 NPD
Direct airborne sound insulation: Gross density: Configuration:	730 kg/m <sup>3</sup> As Above	Water vapour diffusion coefficier Direct airborne sound insulation:	Fixed Value:	5/10 730 kg/m <sup>3</sup> As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Connguration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD See Note	Durability against freeze-thaw:		NPD
Dangerous Substances: Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	appropriate form. See Annex ZA3	3 of BS EN 771-4	See Note only be given when and where required in the :2011. in conformity with the declared values, when installed in	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011 Hi Strength 7 Paint Grade Smooth			Declaration of Performance DOP/HANUK/TH/6300353 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
Category II 440 x 140 x 215 mm a	15 autoclaved aerated concrete masonry units		15 Conforms to the Harmonised European Standard: BS EN 771-4:2011		
			Category II, 440 x 1	40 x 215 mm, a	utoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 140 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:		Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability: Mois	ture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value.	NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion coefficier		5/40
Gross density:	730 kg/m <sup>3</sup>		Direct airborne sound insulation		5/10
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	gu.u.on	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		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 771-4:2011.			Note: Information on Dangerous appropriate form. See Annex ZA:		l only be given when and where required in the 4:2011.
See Also Declaration of Performance DOP/HANUK/TH/6300353 The performance with the manufacturer's instructions and general purpose or lightweight mortars.					

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300360 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:				
	Hi Strength 7 F	Paint Grade Smooth 15			Hi Strength 7 P	aint Grade Smooth 15	
				Conforms to the	e Harmonised Eur	opean Standard: BS EN 771-4:2011	
Category II,	440 x 150 x 215 mm au	utoclaved aerated concrete masonry units		Category II, 440 x 1	50 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensions: 440 (mm) x Dimensional tolerances:		GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid		Dimensional tolerances:	ootogon	CPI M (upless stated athenuise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability:	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	tura Mayamanti	Neminal 0.50 mm/m	
Flexural Bond Strength:		NPD		Shear Bond strength:	sture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Tixed value.	NPD	
Water Absorption:		NPD		Reaction to fire:		Euroclass A1	
Water vapour diffusion c	coefficient : Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound in	sulation:			Water vapour diffusion coefficie		5/40	
	Gross density:	730 kg/m <sup>3</sup>		Direct airborne sound insulation	Fixed Value:	5/10	
	Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Thermal conductivity:		$0.16 \text{ W/m.K } [\lambda_{10,dry \text{ unit}}, S2]$		Thermal conductivity:	<u>.</u>	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze	-thaw:	NPD		Durability against freeze-thaw:		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 771-4:2011. The performance of the product identified above is in conformity with the declared values, when install							

Flexural Bond Strength:	, mou faidoi	NPD					
Reaction to fire:		Euroclass A1					
Water absorption:		NPD					
Water vapour diffusion coefficient:	•						
·	Fixed Value:	5/10					
Direct airborne sound insulation:		2					
(	Gross density:	730 kg/m <sup>3</sup>					
(	Configuration:	As above					
Thermal conductivity:		$0.16 \text{ W/m.K } [\lambda_{10,dry \text{ unit, }} S2]$					
Durability against freeze-thaw:		NPD					
Dangerous Substances:		See Note					
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.							

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



	(	E	r		of Performance JK/TH/6300377		
			The undersigned, representing the following:				
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL					
	BS EN	771-4:2011		Cont	irms that:		
	Hi Strength 7 P	aint Grade Smooth 15	Hi Strength 7 Paint Grade Smooth 15				
			Conforms	to the Harmonised Eu	ropean Standard: BS EN 771-4:2011		
		toclaved aerated concrete masonry units	Category II, 4	40 x 190 x 215 mm, a	utoclaved aerated concrete masonry units		
Dimensions: 440 (mm) x Dimensional tolerances:		GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, Sys Regulation (EU): 305/2011				
Configuration:		Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery tick		
Compressive strength:		Mean 7.30 $\text{N/mm}^2$ [⊥ bed face, whole unit]. [Cat II]	Configuration:	outogo.y.	Solid		
Dimension Stability:	Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:				
Flexural Bond Strength:		NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m		
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		
Water Absorption:		NPD	Reaction to fire:		NPD		
Water vapour diffusion of			Water absorption:		Euroclass A1		
Direct airborne sound in	Fixed Value:	5/10			NPD		
Direct and othe sound in	Gross density:	730 ka/m <sup>3</sup>	Water vapour diffusion coe	Fixed Value:	5/10		
	Configuration:	As Above	Direct airborne sound insul	Gross density:	730 kg/m <sup>3</sup>		
Thermal conductivity:	Connguration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above		
Durability against freeze	-thaw:	NPD	Durability against freeze-th	aw.	$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$		
Dangerous Substances:		See Note		uw.			
-	ngerous substances w	ill only be given when and where required in the	appropriate form. See Anne	ex ZA3 of BS EN 771-	See Note I only be given when and where required in the 4:2011.		

Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid			
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]			
Dimensional stability:					
Moisture Shear Bond strength:	Movement:	Nominal 0.50 mm/m			
_	Fixed value:	0.15 N/mm <sup>2</sup>			
Flexural Bond Strength:		NPD			
Reaction to fire:		Euroclass A1			
Water absorption:		NPD			
Water vapour diffusion coefficient:					
F Direct airborne sound insulation:	Fixed Value:	5/10			
Gr	oss density:	730 kg/m <sup>3</sup> As above			
Thermal conductivity:	-	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]			
Durability against freeze-thaw:		NPD			
Dangerous Substances:		See Note			
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.					

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

Signed on behalf of the manufacturer:

as la lathere 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 771-4:2011 Hi Strength 7 Paint Grade Smooth			Declaration of Performance DOP/HANUK/TH/6300384 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
<b>.</b>	15		Conforma to the	-	15 ropean Standard: BS EN 771-4:2011
Category II, 440 x 200 x 215 mm a	autoclaved aerated concrete masonry units				
Dimensions: 440 (mm) x 200 (mm) x 215 (mm)			Category II, 440 x 2	00 x 215 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability:			Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]
Moisture Movement: Shear Bond Strength:			Dimensional stability:		Mean 7.30 N/mm [1 bed lace, whole unit]. [Cat li]
Fixed value:			Mois	ture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		Flexural Bond Strength:		NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion coefficier		5/40
Gross density:	730 kg/m <sup>3</sup>		Direct airborne sound insulation		5/10
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	5	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		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 771-4:2011.			Note: Information on Dangerous appropriate form. See Annex ZA:		l only be given when and where required in the 4:2011.
See Also Declaration of Performance DOP/HANUK/TH/6300384 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.					

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		Declaration of Performance DOP/HANUK/TH/6300391 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
BS E	N 771-4:2011		CON	inno ulat.
Hi Strength 7	Paint Grade Smooth 15	Hi Strength 7 Paint Grade Smooth 15		
Category II, 440 x 215 x 215 mm Dimensions: 440 (mm) x 215 (mm) x 215 (mm) Dimensional tolerances:	autoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery	Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4		
category:		· · ·		gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:		Dimensional stability: Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation: Gross density:	0	Water vapour diffusion coefficier Direct airborne sound insulation:	Fixed Value:	5/10 730 kg/m <sup>3</sup>
Configuration:		<b></b>	Configuration:	As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		NPD
Dangerous Substances: Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	See Note will only be given when and where required in the 71-4:2011.	appropriate form. See Annex ZA3	3 of BS EN 771-4	See Note only be given when and where required in the 4:2011. s in conformity with the declared values, when installed i
See Also Declaration of Performance DOP/H	ANUK/TH/6300391			I general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011 Large Format Hi Strength 7 Paint Grade Smooth			Declaration of Performance DOP/HANUK/TH/6301190 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Large Format Hi Strength 7 Paint Grade Smooth		JK/TH/6301190 presenting the following: uilding Products is, Atherstone Road, m, DE12 7EL irms that: uirms that: uirms that:
Category II, 440 x 100 x 430 mm a	autoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup> NPD		Dimensional stability: Mois Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1
Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation: Gross density:	C C		Water vapour diffusion coefficien Direct airborne sound insulation	Fixed Value:	5/10 730 ka/m <sup>3</sup>
Configuration: Thermal conductivity:			Thermal conductivity:	Gross density: Configuration:	As above
Durability against freeze-thaw:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2] NPD		Durability against freeze-thaw:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note		Dangerous Substances:		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 771-4:2011.			Note: Information on Dangerous appropriate form. See Annex ZA		l only be given when and where required in the 4:2011.
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.					

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011 Large Format Hi Strength 7 Paint Grade Smooth		Declaration of Performance DOP/HANUK/TH/6301329 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Large Format Hi Strength 7 Paint Grade Smooth 15		JK/TH/6301329 presenting the following: uilding Products is, Atherstone Road, m, DE12 7EL irms that: uirms that: uirms that:
Category II, 440 x 140 x 430 mm a	utoclaved aerated concrete masonry units			ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 140 (mm) x 430 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Category II, 440 x 140 x 430 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m	Compressive strength: Dimensional stability:		Mean 7.30 $\text{N/mm}^2 \left[ {\scriptstyle \perp} \text{ bed face, whole unit} \right]$ [Cat II]
Fixed value: Flexural Bond Strength:	0.15 N/mm² NPD	Shear Bond strength:	ture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1 NPD	Flexural Bond Strength: Reaction to fire:		NPD
Water Absorption: Water vapour diffusion coefficient : Fixed Value:		Water absorption:		Euroclass A1 NPD
Direct airborne sound insulation: Gross density: Configuration:	·	Water vapour diffusion coefficien Direct airborne sound insulation	Fixed Value: Gross density:	5/10 730 kg/m <sup>3</sup>
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit</sub> S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:         See Note           Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.		appropriate form. See Annex ZA	3 of BS EN 771-	
See Also Declaration of Performance DOP/H/	ANUK/TH/6301329			s in conformity with the declared values, when installed in general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011		Declaration of Performance DOP/HANUK/TH/6300674 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
Tre	nchblock 15		Tren	chblock 15
Category II, 440 x 255 x 215 mm a Dimensions: 440 (mm) x 255 (mm) x 215 (mm) Dimensional tolerances: category:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength: Dimension Stability: Moisture Movement:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m	Compressive strength:		Solid Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value: Flexural Bond Strength:	0.15 N/mm <sup>2</sup> NPD	Dimensional stability: Mois Shear Bond strength:	sture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion coefficient :	NPD	Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
Gross density:	600 kg/m <sup>3</sup>	Water vapour diffusion coefficie	Fixed Value:	5/10
Configuration:	As Above		Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.13 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}}, S2\right]$	Thermal conductivity:	eeninguruuen.	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw:		Resistant to Freeze Thaw
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 appropriate form. See Annex ZA		only be given when and where required in the I:2011.	
See Also Declaration of Performance DOP/HA			in conformity with the declared values, when installed in general purpose or lightweight mortars.	

Signed on behalf of the manufacturer:

as la lathere 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 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300681 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
Tre	nchblock 15		Trenchblock 15		
Category II, 440 x 275 x 215 mm a Dimensions: 440 (mm) x 275 (mm) x 215 (mm) Dimensional tolerances: category:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:		Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>			Moisture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation: Gross density:	600 kg/m <sup>3</sup>		Water vapour diffusion coeff Direct airborne sound insula	Fixed Value: ation:	5/10
Configuration:	As Above			Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.13 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}}, S2\right]$		Thermal conductivity:	guoru	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-tha	w:	Resistant to Freeze Thaw
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 Danger appropriate form. See Annex		only be given when and where required in the I:2011.	
See Also Declaration of Performance DOP/HA	See Also Declaration of Performance DOP/HANUK/TH/6300681 The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.				

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



K K Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300698 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
	nchblock 15		Trenchblock 15		
Category II, 440 x 300 x 215 mm a	utoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units		
Dimensions: 440 (mm) x 300 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:		Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 $\mbox{N/mm}^2$ [ $_{\rm L}$ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	isture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:		
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion coefficie		5/40
Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insulatio		5/10
Configuration:	As Above			Gross density: Configuration:	600 kg/m³ As above
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	2 2	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		Resistant to Freeze Thaw
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 Dangerou appropriate form. See Annex Z		only be given when and where required in the I:2011.	
See Also Declaration of Performance DOP/HA	-			in conformity with the declared values, when installed in general purpose or lightweight mortars.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



	C	E		DOP/HAN	of Performance UK/TH/6300704	
	Llenson D	ilding Droducto		The undersigned, re	epresenting the following:	
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
	BS EN	771-4:2011		Con	firms that:	
Trenchblock 15			Trenchblock 15			
			Conform	s to the Harmonised Eu	rropean Standard: BS EN 771-4:2011	
		toclaved aerated concrete masonry units	Category II, 4	440 x 355 x 215 mm, a	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 355 (m Dimensional tolerances:	nm) x 215 (mm) category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the	product conforms: Sta	andard: Annex ZA of BS EN 771-4:2011, System 4 egulation (EU): 305/2011	
Configuration:		Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery	
Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid	
Dimension Stability:	ure Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat	
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:			
Flexural Bond Strength:	Tixed value.	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Water Absorption:		NPD	Reaction to fire:		NPD	
Water vapour diffusion coeffici	ient :				Euroclass A1	
	Fixed Value:	5/10	Water absorption:		NPD	
Direct airborne sound insulatio	on: Gross density:	600 kg/m <sup>3</sup>	Water vapour diffusion co Direct airborne sound insu	Fixed Value:	5/10	
	Configuration:	As Above	Direct an borne sound inst	Gross density:	600 kg/m <sup>3</sup>	
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above 0.13 W/m.Κ [λ <sub>10.drv unit.</sub> S2]	
Durability against freeze-thaw:		Resistant to Freeze Thaw	Durability against freeze-th	haw:	Resistant to Freeze Thaw	
Dangerous Substances:		See Note	Dangerous Substances:		See Note	
Note: Information on Dangerou appropriate form. See Annex Z		vill only be given when and where required in the I-4:2011.	Note: Information on Dang appropriate form. See Ann	ex ZA3 of BS EN 771-	I only be given when and where required in the	

Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)				
Configuration:	Solid				
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]				
Dimensional stability:					
Moisture Movement: Shear Bond strength:	Nominal 0.50 mm/m				
Fixed value:	0.15 N/mm <sup>2</sup>				
Flexural Bond Strength:	NPD				
Reaction to fire:	Euroclass A1				
Water absorption:	NPD				
Water vapour diffusion coefficient:					
Fixed Value: Direct airborne sound insulation:	5/10				
Gross density: Configuration:	600 kg/m <sup>3</sup> As above				
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]				
Durability against freeze-thaw:	Resistant to Freeze Thaw				
Dangerous Substances:	See Note				
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.					

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



K K Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6301237 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
Ire	nchblock 15		Trenchblock 15		
Category II, 440 x 255 x 140 mm autoclaved aerated concrete masonry units			Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 255 x 140 mm, autoclaved aerated concrete masonry units		
Dimensions: 440 (mm) x 255 (mm) x 140 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability: Mois	sture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		-		NPD
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1
Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation: Gross density:	600 kg/m <sup>3</sup>		Water vapour diffusion coefficie Direct airborne sound insulation	Fixed Value:	5/10
Configuration:	As Above			Gross density:	600 kg/m <sup>3</sup>
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	As above 0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		Resistant to Freeze Thaw
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77				only be given when and where required in the	
See Also Declaration of Performance DOP/HANUK/TH/6301237 The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.					

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6301244 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
Tre	nchblock 15		Trenchblock 15		
	Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 275 x 140 mm autoclaved aerated concrete masonry units Category II, 440 x 275 x 140 mm, autoclaved aerated concrete masonry units				
Dimensions: 440 (mm) x 275 (mm) x 140 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	sture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:		
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm² NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation: Gross density:	600 ka/m <sup>3</sup>		Water vapour diffusion coefficie	Fixed Value:	5/10
Configuration:	As Above		Direct airborne sound insulation	Gross density:	600 kg/m <sup>3</sup>
Thermal conductivity:	0.13 W/m.Κ [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note		Dangerous Substances:		Resistant to Freeze Thaw See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77		Note: Information on Dangerous appropriate form. See Annex ZA	3 of BS EN 771-4	only be given when and where required in the 4:2011.	
See Also Declaration of Performance DOP/HANUK/TH/6301244 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.					

as la lathere Signed on behalf of the manufacturer:

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



(	Declaration of Performance DOP/HANUK/TH/6301251			
	The undersigned, representing the following:			
Hanson I Measham Wo Meash	Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
BS E	N 771-4:2011			
Tr	enchblock 15		Tren	nchblock 15
		Conforms	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category II, 440 x 300 x 140 mm a	autoclaved aerated concrete masonry units	Category II, 4	140 x 300 x 140 mm, at	utoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 300 (mm) x 140 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery	Provision to which the		andard: Annex ZA of BS EN 771-4:2011, System 4 egulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:	cotogory;	GPLM (unless stated otherwise on the delivery t
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat
Shear Bond Strength: Fixed value:	<u>^</u>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	Reaction to fire:		NPD
Water Absorption. Water vapour diffusion coefficient :				Euroclass A1
Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation: Gross density:	600 kg/m <sup>3</sup>	Water vapour diffusion coe Direct airborne sound insu	Fixed Value:	5/10
Configuration:	As Above	Direct an borne sound insu	Gross density:	600 kg/m <sup>3</sup>
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above 0.13 W/m.K [λ <sub>10.drv unit.</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-th	naw:	Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.	Note: Information on Dang appropriate form. See Ann	ex ZA3 of BS EN 771-4	l only be given when and where required in the

Configuration:	GPLM (unless stated otherwise on the delivery ticket) Solid				
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]				
Dimensional stability:	N : 1050 /				
Moisture Movement: Shear Bond strength:	Nominal 0.50 mm/m				
Fixed value:	0.15 N/mm <sup>2</sup>				
Flexural Bond Strength:	NPD				
Reaction to fire:	Euroclass A1				
Water absorption:	NPD				
Water vapour diffusion coefficient:					
Fixed Value:	5/10				
Direct airborne sound insulation: Gross density: Configuration:	600 kg/m <sup>3</sup> As above				
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]				
Durability against freeze-thaw:	Resistant to Freeze Thaw				
Dangerous Substances:	See Note				
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.					

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson B Measham Wor Measha BS EN		Declaration of Performance DOP/HANUK/TH/6301374 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:				
Tre	nchblock 15			Iren	chblock 15	
Category II, 440 x 355 x 140 mm a Dimensions: 440 (mm) x 355 (mm) x 140 (mm)	utoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 355 x 140 mm, autoclaved aerated concrete masonry units			
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4			
category:	ticket) Solid		Dimensional tolerances:		gulation (EU): 305/2011	
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability: Mois	ture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Reaction to fire:	Euroclass A1		5		NPD	
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1	
Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation: Gross density:	600 kg/m <sup>3</sup>		Water vapour diffusion coefficien	Fixed Value:	5/10	
Configuration:	As Above		Direct all borne sound insulation	Gross density:	600 kg/m <sup>3</sup>	
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	As above 0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]	
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		Resistant to Freeze Thaw	
Dangerous Substances:	See Note		Dangerous Substances:		See Note	
Note: Information on Dangerous substances of appropriate form. See Annex ZA3 of BS EN 77				only be given when and where required in the		
See Also Declaration of Performance DOP/HANUK/TH/6301374 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.						

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Measham We Meash BS E Trencl		Declaration of Performance DOP/HANUK/TH/6300544 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Trenchblock T and G			
Tenc	15			renend	15
Category II, 440 x 255 x 215 mm Dimensions: 440 (mm) x 255 (mm) x 215 (mm	autoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the produc		andard: Annex ZA of BS EN 771-4:2011, System 4 egulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [ $\pm$ bed face, whole unit]. [Cat II]		Configuration:		Solid
Dimension Stability: Moisture Movement	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 $\mbox{N/mm}^2$ [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value	0.15 N/mm <sup>2</sup>		Dimensional stability: Moist	ure Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		Flexural Bond Strength:		NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value	5/10		Water absorption:		NPD
Direct airborne sound insulation: Gross density	600 kg/m <sup>3</sup>		Water vapour diffusion coefficier Direct airborne sound insulation:	Fixed Value:	5/10
Configuration	As Above		Briter an borne sound insulation.	Gross density:	600 kg/m <sup>3</sup>
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	As above 0.13 W/m.K [λ <sub>10.dry unit,</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		Resistant to Freeze Thaw
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 771-4:2011.			substances will 8 of BS EN 771-4	l only be given when and where required in the
See Also Declaration of Performance DOP/H		-		s instructions and	s in conformity with the declared values, when installed in general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL				Declaration of Performance DOP/HANUK/TH/6300551 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
	BS EN	771-4:2011			Conf	irms that:
	Trencht	block T and G 15			Trenchb	lock T and G 15
Category II, 440 Dimensions: 440 (mm) x 275 Dimensional tolerances:		utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)		Category II, 440 x	275 x 215 mm, au uct conforms: Sta	ropean Standard: <b>BS EN 771-4:2011</b> utoclaved aerated concrete masonry units undard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:		Solid Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Mo Shear Bond Strength:	pisture Movement:	Nominal 0.50 mm/m		Compressive strength: Dimensional stability:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	Fixed value:	0.15 N/mm² NPD		Mo Shear Bond strength:	isture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Reaction to fire:		Euroclass A1		Flexural Bond Strength:		NPD
Water Absorption: Water vapour diffusion coef	ficiont	NPD		Reaction to fire:		Euroclass A1
Water vapour unrusion coer	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insula	ation: Gross density:	600 kg/m <sup>3</sup>		Water vapour diffusion coeffici Direct airborne sound insulatio	Fixed Value:	5/10
	Configuration:	As Above			Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	-	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-tha	aw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		Resistant to Freeze Thaw
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Danger appropriate form. See Annex		vill only be given when and where required in the 1-4:2011.	]	appropriate form. See Annex Z	A3 of BS EN 771-4	only be given when and where required in the 4:2011.

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

Signed on behalf of the manufacturer:

as la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hansor Measham W Meas BS	Declaration of Performance DOP/HANUK/TH/6300568 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Trenchblock T and G				
Ireno	chblock T and G 15		Trenchb	15	
Dimensions: 440 (mm) x 300 (mm) x 215 (mn		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units			
Dimensional tolerances: category	GPLM (unless stated otherwise on the delivery y: ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration: Compressive strength:	Solid Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movemen	t: Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value Flexural Bond Strength:	e: 0.15 N/mm <sup>2</sup> NPD	Dimensional stability: Moist Shear Bond strength:	ure Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD	
Water Absorption:	NPD	Reaction to fire:		Euroclass A1	
Water vapour diffusion coefficient : Fixed Value	e: 5/10	Water absorption:		NPD	
Direct airborne sound insulation: Gross density	y: 600 kg/m <sup>3</sup>	Water vapour diffusion coefficien Direct airborne sound insulation:	Fixed Value:	5/10	
Configuration	n: As Above		Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	Comgulation.	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw:		Resistant to Freeze Thaw	
Dangerous Substances:	See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN	s will only be given when and where required in the 771-4:2011.	Note: Information on Dangerous appropriate form. See Annex ZA3		l only be given when and where required in the 4:2011.	
See Also Declaration of Performance DOP/I				s in conformity with the declared values, when installed in d general purpose or lightweight mortars.	

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/TH/6300575 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
	BS EN	771-4:2011		Conf	irms that:
	Trenchb	lock T and G 15		Trenchb	lock T and G 15
Category II, 4 Dimensions: 440 (mm) x 3 Dimensional tolerances:		toclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 440 x	355 x 215 mm, au	ropean Standard: <b>BS EN 771-4:2011</b> utoclaved aerated concrete masonry units undard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	category.	Solid Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke
Dimension Stability:	Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Solid Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD	Dimensional stability: Moi Shear Bond strength:	sture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:		NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion co	cefficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound ins	Gross density:	600 ka/m <sup>3</sup>	Water vapour diffusion coefficie	Fixed Value:	5/10
	Configuration:	As Above	Direct airborne sound insulation	Gross density:	600 kg/m <sup>3</sup>
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	Configuration:	As above 0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-t	thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw:		Resistant to Freeze Thaw
Dangerous Substances:		See Note	Dangerous Substances:		See Note
Note: Information on Dan appropriate form. See An		vill only be given when and where required in the 1-4:2011.	appropriate form. See Annex Z	A3 of BS EN 771-4	only be given when and where required in the 4:2011.

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson E Measham Wo Meash BS E		Declaration of Performance DOP/HANUK/TH/6300407 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
Hi Streng	th 7 Trenchblock 15			Hi Strength	7 Trenchblock 15
Category II, 440 x 255 x 215 mm a Dimensions: 440 (mm) x 255 (mm) x 215 (mm) Dimensional tolerances: category:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)		Category II, 440 x 2	255 x 215 mm, au ct conforms: Sta	ropean Standard: <b>BS EN 771-4:2011</b> utoclaved aerated concrete masonry units Indard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m		Compressive strength: Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Fixed value: Flexural Bond Strength: Reaction to fire:	0.15 N/mm <sup>2</sup> NPD Euroclass A1		Mois Shear Bond strength: Flexural Bond Strength:	ture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		NPD Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption: Water vapour diffusion coefficie		NPD
Gross density: Configuration:	·		Direct airborne sound insulation	Gross density:	5/10 730 kg/m <sup>3</sup>
Thermal conductivity:	$0.16 \text{ W/m.K} \left[\lambda_{10, dry \text{ unit, }} \text{S2}\right]$		Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		Resistant to Freeze Thaw
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 771-4:2011.       Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.					

ter absorption:		NPD					
ter vapour diffusion coefficien	it:						
	Fixed Value:	5/10					
ect airborne sound insulation:							
	Gross density:	730 kg/m <sup>3</sup>					
	Configuration:	As above					
ermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]					
rability against freeze-thaw:		Resistant to Freeze Thaw					
ngerous Substances:		See Note					
te: Information on Dangerous substances will only be given when and where required in t propriate form. See Annex ZA3 of BS EN 771-4:2011.							
performance of the product identified above is in conformity with the declared values, when							

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

Signed on behalf of the manufacturer:

as la latheren

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



	(	<b>F</b>		1		of Performance UK/TH/6300414	
				The undersigned, representing the following:			
Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL				
	BS EN	771-4:2011			Conf	firms that:	
ні	Strengt	h 7 Trenchblock 15			Hi Strength	n 7 Trenchblock 15	
				Conforms	to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Category II, 440 x 275 x 2	15 mm a	utoclaved aerated concrete masonry units		Category II, 4	40 x 275 x 215 mm, a	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 275 (mm) x 21 Dimensional tolerances:	5 (mm)	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System Regulation (EU): 305/2011			
Configuration:		Solid		Dimensional tolerances:		GPLM (unless stated otherwise on the delivery tick	
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid	
Dimension Stability: Moisture Mov	ement.	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	d value:	0.15 N/mm <sup>2</sup>		Dimensional stability:			
Flexural Bond Strength:	i value.	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:		
Water Absorption:		NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :						Euroclass A1	
	Value:	5/10		Water absorption:		NPD	
Direct airborne sound insulation:	density:	730 kg/m <sup>3</sup>		Water vapour diffusion coe	Fixed Value:	5/10	
	uration:	As Above		Direct airborne sound insu	Gross density:	730 kg/m <sup>3</sup>	
Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]	
Durability against freeze-thaw:		Resistant to Freeze Thaw		Durability against freeze-th	aw:		
Dangerous Substances:		See Note		Dangerous Substances:		Resistant to Freeze Thaw See Note	
Note: Information on Dangerous subs appropriate form. See Annex ZA3 of E		vill only be given when and where required in the 1-4:2011.		Note: Information on Dange appropriate form. See Anne	ex ZA3 of BS EN 771-	I only be given when and where required in the	

Dimensional tolerances:	gory: GPLM (unless stated otherwise on the delivery ticket)				
Configuration:	Solid				
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]				
Dimensional stability:					
Moisture Moven Shear Bond strength:	nent: Nominal 0.50 mm/m				
Fixed va	alue: 0.15 N/mm <sup>2</sup>				
Flexural Bond Strength:	NPD				
Reaction to fire:	Euroclass A1				
Water absorption:	NPD				
Water vapour diffusion coefficient:					
Fixed Va Direct airborne sound insulation:	alue: 5/10				
Gross der Configura					
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10,dry unit}$ , S2]				
Durability against freeze-thaw:	Resistant to Freeze Thaw				
Dangerous Substances:	See Note				
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.					

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson I Measham Wo Meash BS E		Declaration of Performance DOP/HANUK/TH/6300421 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
Hi Streng	th 7 Trenchblock 15			Hi Strength	7 Trenchblock 15
Category II, 440 x 300 x 215 mm a Dimensions: 440 (mm) x 300 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery		Category II, 440 x 3	300 x 215 mm, au	ropean Standard: <b>BS EN 771-4:2011</b> utoclaved aerated concrete masonry units undard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m		Compressive strength: Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $_{\rm L}$ bed face, whole unit]. [Cat II]
Fixed value: Flexural Bond Strength:	0.15 N/mm² NPD			sture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Tixed value.	NPD
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1
Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation: Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion coefficie Direct airborne sound insulatior	Fixed Value:	5/10
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.16 \text{ W/m.K} [\lambda_{10,dry unit}, S2]$		Thermal conductivity:	- 3	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		Resistant to Freeze Thaw
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.	J	appropriate form. See Annex ZA	3 of BS EN 771-4	only be given when and where required in the 4:2011.

Configuration:	Solid
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimensional stability: Moisture Movement	Nominal 0.50 mm/m
Shear Bond strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water absorption:	NPD
Water vapour diffusion coefficient:	
Fixed Value: Direct airborne sound insulation:	5/10
Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	See Note
Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-4	

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hanson H Measham Wo Meash	Declaration of Performance DOP/HANUK/TH/6300438 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
BSE	N 771-4:2011		Conf	irms that:
Hi Streng	th 7 Trenchblock 15	Hi Strength 7 Trenchblock 15		
Category II, 440 x 355 x 215 mm a Dimensions: 440 (mm) x 355 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery	Category II, 4	40 x 355 x 215 mm, at product conforms: Sta	ropean Standard: <b>BS EN 771-4:2011</b> utoclaved aerated concrete masonry units andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery tick Solid
Dimension Stability: Moisture Movement: Shear Bond Strength: Fixed value:		Compressive strength: Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	NPD	Shear Bond strength: Flexural Bond Strength:	Moisture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Reaction to fire: Water Absorption:	Euroclass A1 NPD	Reaction to fire:		NPD Euroclass A1
Water vapour diffusion coefficient : Fixed Value: Direct airborne sound insulation:	5/10	Water absorption: Water vapour diffusion coe	efficient:	NPD
Gross density: Configuration:	0	Direct airborne sound insu	Fixed Value:	5/10 730 kg/m <sup>3</sup>
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-th	iaw:	Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dangerous Substances:	orous substances will	See Note I only be given when and where required in the
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.	appropriate form. See Ann	ex ZA3 of BS EN 771-4	

	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:		Solid
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Dimensional stability:		
Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
_	Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:		NPD
Reaction to fire:		Euroclass A1
Water absorption:		NPD
Water vapour diffusion coef	fficient:	
Direct airborne sound insul	Fixed Value:	5/10
Direct an borne sound Insul	Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-tha	aw:	Resistant to Freeze Thaw
Dangerous Substances:		See Note
Note: Information on Dange appropriate form. See Anne		only be given when and where required in the :2011.

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hans Measham Me B Hi Str		The	DOP/HANI undersigned, re Hanson Bu Measham Work Meashau Conf	Df Performance UK/TH/6301169 epresenting the following: uilding Products (s, Atherstone Road, m, DE12 7EL firms that:	
Dimensions: 440 (mm) x 275 (mm) x 140 (r			Category II, 440 x 27	75 x 140 mm, a	ropean Standard: BS EN 771-4:2011 utoclaved aerated concrete masonry units
Dimensional tolerances: categ	GPLM (unless stated otherwise on the delivery ticket)				andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Dimension Stability: Moisture Movem			Compressive strength:		Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed va			Dimensional stability: Moist	ure Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		Flexural Bond Strength:		NPD
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1
Fixed Va	lue: 5/10		Water absorption:		NPD
Gross dens	sity: 730 kg/m <sup>3</sup>		Water vapour diffusion coefficien Direct airborne sound insulation:	Fixed Value:	5/10
Configurat	ion: As Above		Direct all borne sound insulation.	Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Comgulation.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		Resistant to Freeze Thaw
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS E	ces will only be given when and where required in the N 771-4:2011.		Note: Information on Dangerous appropriate form. See Annex ZA3		I only be given when and where required in the 4:2011.
See Also Declaration of Performance DO		-			s in conformity with the declared values, when installed in d general purpose or lightweight mortars.

as la lathere

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 771-4:2011				DOP/HANU e undersigned, re Hanson Bu Measham Work Meashar Confi	<b>of Performance</b> UK/TH/6301596 presenting the following: iilding Products s, Atherstone Road, n, DE12 7EL iirms that:
Hi	Strengt	h 7 Trenchblock 15		Hi Strength	7 Trenchblock 15
Dimensions: 440 (mm) x 300 (mm) x 14 Dimensional tolerances:		utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 440 x 3	300 x 140 mm, au	ropean Standard: <b>BS EN 771-4:2011</b> utoclaved aerated concrete masonry units undard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:		Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Move Shear Bond Strength:	ement:	Nominal 0.50 mm/m	Compressive strength: Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $\scriptstyle \perp$ bed face, whole unit]. [Cat II]
Fixed Flexural Bond Strength:	value:	0.15 N/mm <sup>2</sup> NPD		sture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Reaction to fire:		Euroclass A1	Flexural Bond Strength:		NPD
Water Absorption:		NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed	Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation: Gross d	ensity:	730 kg/m <sup>3</sup>	Water vapour diffusion coefficie Direct airborne sound insulatior	Fixed Value:	5/10
Configu	ration:	As Above		Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	C C	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:		Resistant to Freeze Thaw	Durability against freeze-thaw:		Resistant to Freeze Thaw
Dangerous Substances:		See Note	Dangerous Substances: Note: Information on Dangerous	substances will	See Note only 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 771-4:2011.			appropriate form. See Annex ZA	3 of BS EN 771-4	

Comgutation.	Solid
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Dimensional stability:	
Moisture Movement: Shear Bond strength:	Nominal 0.50 mm/m
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water absorption:	NPD
Water vapour diffusion coefficient:	
Fixed Value:	5/10
Direct airborne sound insulation: Gross density:	730 kg/m <sup>3</sup>
Configuration:	As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	See Note
Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-4	

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



Hans Measham Me B	-	The	DOP/HANU undersigned, re Hanson Bu Measham Work Meashar	DF Performance JK/TH/6301336 presenting the following: uilding Products s, Atherstone Road, m, DE12 7EL irms that:	
Hi Str	rength 7 Trenchblock 15			Hi Strength	7 Trenchblock 15
Category II, 440 x 355 x 140 r Dimensions: 440 (mm) x 355 (mm) x 140 ( Dimensional tolerances: categ	GPLM (unless stated otherwise on the delivery		Category II, 440 x 35	5 x 140 mm, au t conforms: Sta	ropean Standard: <b>BS EN 771-4:2011</b> utoclaved aerated concrete masonry units andard: Annex ZA of BS EN 771-4:2011, System 4 igulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movem Shear Bond Strength:	ent: Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 $\mbox{N/mm}^2$ [ $_{\rm L}$ bed face, whole unit]. [Cat II]
Fixed va	lue: 0.15 N/mm <sup>2</sup>			ure Movement:	Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Va	lue: 5/10		Water absorption:		NPD
Direct airborne sound insulation: Gross den	sity: 730 kg/m <sup>3</sup>		Water vapour diffusion coefficien Direct airborne sound insulation:	Fixed Value:	5/10
Configurat	tion: As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.16 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$		Thermal conductivity:	e e inguiadon.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		Resistant to Freeze Thaw
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS I	ices will only be given when and where required in the EN 771-4:2011.	[	Note: Information on Dangerous s appropriate form. See Annex ZA3		only be given when and where required in the 4:2011.
See Also Declaration of Performance DO		-			s in conformity with the declared values, when installed in I general purpose or lightweight mortars.

Signed on behalf of the

as la lathere Full name: Carl Cuthbert

Position: Head of Quality and Clay Services

manufacturer:



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011					DOP/HANU e undersigned, re Hanson Bu Measham Work Meashar Conf	of Performance UK/TH/6300162 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL irms that:
	Hi Strength 7 T	renchblock T and G 15			Hi Strength 7 Ti	renchblock T and G 15
Category II, 44 Dimensions: 440 (mm) x 25 Dimensional tolerances:		utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4		
	category:	ticket)		Dimensional televeness	Re	gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:		Solid
Dimension Stability:	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		-	sture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:		NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:		NPD		Reaction to fire:		NPD Euroclass A1
Water vapour diffusion co	efficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insu	ulation: Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion coefficie	Fixed Value:	5/10
	Configuration:	As Above			Gross density:	730 kg/m <sup>3</sup>
Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]		Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit</sub> ,S2]
Durability against freeze-tl	haw:	Resistant to Freeze Thaw		Durability against freeze-thaw:		Resistant to Freeze Thaw
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 771-4:2011.						only be given when and where required in the
See Also Declaration of Pe			-			in conformity with the declared values, when installed in general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Measi	BS EN 771-4:2011 agth 7 Trenchblock T and G 15	Declaration of Performance DOP/HANUK/TH/6300179 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that: Hi Strength 7 Trenchblock T and G
	5 mm autoclaved aerated concrete masonry units	Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 275 (mm) x 2 Dimensional tolerances:	<ul> <li>(mm) GPLM (unless stated otherwise on the delivery egory: ticket)</li> </ul>	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances:       category:       GPLM (unless stated otherwise on the delivery ticket)         Configuration:       Solid
Dimension Stability: Moisture Mor	ement: Nominal 0.50 mm/m	Compressive strength: Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
	value: 0.15 N/mm <sup>2</sup>	Dimensional stability: Moisture Movement: Nominal 0.50 mm/m Shear Bond strength:
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1	Fixed value: 0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	Reaction to fire: Euroclass A1
Water vapour diffusion coefficient : Fixed Direct airborne sound insulation:	Value: 5/10	Water absorption: NPD
Gross	ensity: 730 kg/m <sup>3</sup>	Water vapour diffusion coefficient: Fixed Value: 5/10 Direct airborne sound insulation:
Config	ration: As Above	Gross density: 730 kg/m <sup>3</sup> Configuration: As above
Thermal conductivity:	$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$	Thermal conductivity: $0.16 \text{ W/m.K} [\lambda_{10,dry unit}, S2]$
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw: Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dangerous Substances: See Note
Note: Information on Dangerous subs appropriate form. See Annex ZA3 of E	ances will only be given when and where required in the S EN 771-4:2011.	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.
See Also Declaration of Performance		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.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Measha N	boon Building Products n Works, Atherstone Road, leasham, DE12 7EL BS EN 771-4:2011 gth 7 Trenchblock T and G 15	Declaration of Performance         DOP/HANUK/TH/6300186         The undersigned, representing the following:         Hanson Building Products         Measham Works, Atherstone Road, Measham, DE12 7EL         Confirms that:         Hi Strength 7 Trenchblock T and G 15
Category II, 440 x 300 x 215	mm autoclaved aerated concrete masonry units	Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b>
Dimensions: 440 (mm) x 300 (mm) x 215 Dimensional tolerances:	(mm) GPLM (unless stated otherwise on the delivery gory: ticket)	Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket) Configuration: Solid
Dimension Stability: Moisture Move		Compressive strength: Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed V	alue: 0.15 N/mm <sup>2</sup> NPD	Dimensional stability: Moisture Movement: Nominal 0.50 mm/m Shear Bond strength:
Reaction to fire:	Euroclass A1	Fixed value: 0.15 N/mm <sup>2</sup> Flexural Bond Strength: NPD
Water Absorption: Water vapour diffusion coefficient :	NPD	Reaction to fire: Euroclass A1
Fixed \	alue: 5/10	Water absorption: NPD
Gross de	nsity: 730 kg/m <sup>3</sup>	Water vapour diffusion coefficient: Fixed Value: 5/10 Direct airborne sound insulation:
Configur	ation: As Above	Gross density: 730 kg/m <sup>3</sup> Configuration: As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:     0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw: Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dangerous Substances: See Note
Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS	nces will only be given when and where required in the EN 771-4:2011.	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.
See Also Declaration of Performance D		The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



Measha N	son Building Products n Works, Atherstone Road, easham, DE12 7EL SS EN 771-4:2011 th 7 Trenchblock T and G 15	Declaration of Performance         DOP/HANUK/TH/6300193         The undersigned, representing the following:         Hanson Building Products         Measham Works, Atherstone Road,         Measham, DE12 7EL         Confirms that:         Hi Strength 7 Trenchblock T and G         15
Category II, 440 x 355 x 215	nm autoclaved aerated concrete masonry units	Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b>
Dimensions: 440 (mm) x 355 (mm) x 215 Dimensional tolerances: cate	GPLM (unless stated otherwise on the delivery	Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances:       category:       GPLM (unless stated otherwise on the delivery ticket)         Configuration:       Solid
Dimension Stability: Moisture Mover Shear Bond Strength:	nent: Nominal 0.50 mm/m	Compressive strength: Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Fixed V	alue: 0.15 N/mm <sup>2</sup> NPD	Dimensional stability: Moisture Movement: Nominal 0.50 mm/m Shear Bond strength:
Reaction to fire:	Euroclass A1	Fixed value:     0.15 N/mm²       Flexural Bond Strength:     NPD
Water Absorption: Water vapour diffusion coefficient :	NPD	Reaction to fire: Euroclass A1
Fixed V Direct airborne sound insulation:	alue: 5/10	Water absorption: NPD
Gross de	isity: 730 kg/m <sup>3</sup>	Water vapour diffusion coefficient: Fixed Value: 5/10 Direct airborne sound insulation:
Configur	tion: As Above	Gross density: 730 kg/m <sup>3</sup> Configuration: As above
Thermal conductivity:	$0.16 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$	Thermal conductivity:   0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw: Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dangerous Substances: See Note
Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS	nces will only be given when and where required in the EN 771-4:2011.	Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.
See Also Declaration of Performance D		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.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la lathere

Date: 02 June 2015



(		Dec		of Performance JK/TH/6300018	
		The undersigned, representing the following:			
Hanson Bu Measham Work Measha		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
BS EN	771-4:2011			Conf	irms that:
-	7 Coursing Unit 15		Hi Strength 7 Coursing Unit 15		
Category II, 215 x 100 x 65 mm au				ropean Standard: BS EN 771-4:2011	
Dimensions: 215 (mm) x 100 (mm) x 65 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)			t conforms: Sta	toclaved aerated concrete masonry units andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>			ure Movement:	Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation: Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion coefficien Direct airborne sound insulation:	Fixed Value:	5/10
Configuration:	As Above			Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	$0.16 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}}, S2\right]$		Thermal conductivity:	Comgutation.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		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 appropriate form. See Annex ZA3		only be given when and where required in the 4:2011.		
See Also Declaration of Performance DOP/HA		-			s in conformity with the declared values, when installed in I general purpose or lightweight mortars.

Full name: Carl Cuthbert

Signed on behalf of the manufacturer:

as la lathere

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011		Declaration of Performance DOP/HANUK/TH/6300025 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
	Hi Strength	7 Coursing Unit 15		Hi Strength	7 Coursing Unit 15
Category II, Dimensions: 215 (mm) x Dimensional tolerances:	115 (mm) x 65 (mm)	Coclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 215 x	115 x 65 mm, au	opean Standard: <b>BS EN 771-4:2011</b> toclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:		Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Shear Bond Strength:	Moisture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	Compressive strength: Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
Flexural Bond Strength: Reaction to fire:	Theu value.	NPD Euroclass A1	Moi Shear Bond strength: Flexural Bond Strength:	sture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Water Absorption: Water vapour diffusion c	cofficient .	NPD	Reaction to fire:		NPD Euroclass A1
Direct airborne sound in	Fixed Value:	5/10	Water absorption: Water vapour diffusion coefficie	.nt-	NPD
	Gross density:	730 kg/m <sup>3</sup> As Above	Direct airborne sound insulation	Fixed Value:	5/10 730 kg/m <sup>3</sup>
Thermal conductivity:	Configuration:	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-	-thaw:	NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:     See Note       Note:     Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.		Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA		See Note only be given when and where required in the I:2011.	

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

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 771-4:2011		Declaration of Performance DOP/HANUK/TH/6300032 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		JK/TH/6300032 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL	
Hi	Strength	7 Coursing Unit 15		Hi Strength	7 Coursing Unit 15
Dimensions: 215 (mm) x 125 (mm) x 6 Dimensional tolerances:		toclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 215 x	125 x 65 mm, au	ropean Standard: <b>BS EN 771-4:2011</b> toclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:		Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Mo Shear Bond Strength:	vement: d value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	Compressive strength: Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $\scriptstyle \perp$ bed face, whole unit]. [Cat II]
Flexural Bond Strength: Reaction to fire:	u value.	NPD Euroclass A1	Mois Shear Bond strength: Flexural Bond Strength:	sture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Water Absorption: Water vapour diffusion coefficient :		NPD	Reaction to fire:		NPD Euroclass A1
	d Value:	5/10	Water absorption: Water vapour diffusion coefficie	ent:	NPD
	density: uration:	730 kg/m <sup>3</sup> As Above	Direct airborne sound insulation	Fixed Value:	5/10 730 kg/m <sup>3</sup>
Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:		NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:         See Note           Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.		appropriate form. See Annex ZA	3 of BS EN 771-4	See Note only be given when and where required in the I:2011.	

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

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 771-4:2011		Declaration of Performance DOP/HANUK/TH/6300049 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
	Hi Strength	7 Coursing Unit 15		Hi Strength	7 Coursing Unit 15
Category II, 2 Dimensions: 215 (mm) x 1 Dimensional tolerances:		toclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 215 x	140 x 65 mm, au uct conforms: Sta	opean Standard: <b>BS EN 771-4:2011</b> toclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	catogory.	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Shear Bond Strength:	Moisture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	Compressive strength: Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength: Reaction to fire:		NPD Euroclass A1	Moi Shear Bond strength: Flexural Bond Strength:	sture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion co	pefficient :	NPD	Reaction to fire:		Euroclass A1
Direct airborne sound ins	Fixed Value:	5/10	Water absorption: Water vapour diffusion coefficie	ent:	NPD
	Gross density: Configuration:	730 kg/m <sup>3</sup> As Above	Direct airborne sound insulation	Gross density:	5/10 730 kg/m <sup>3</sup>
Thermal conductivity:	Comgaratori.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above 0.16 W/m.Κ [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-	thaw:	NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:         See Note           Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.		appropriate form. See Annex ZA	A3 of BS EN 771-4	See Note only be given when and where required in the I:2011.	

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

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 771-4:2011		Declaration of Performance DOP/HANUK/TH/6300056 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		JK/TH/6300056 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL	
	Hi Strength	7 Coursing Unit 15		Hi Strength	7 Coursing Unit 15
Category II, Dimensions: 215 (mm) x 7 Dimensional tolerances:		Coclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 215 x	150 x 65 mm, au uct conforms: Sta	ropean Standard: <b>BS EN 771-4:2011</b> toclaved aerated concrete masonry units indard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	outogoly.	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Shear Bond Strength:	Moisture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	Compressive strength: Dimensional stability:	inture Movements	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength: Reaction to fire:		NPD Euroclass A1	Shear Bond strength: Flexural Bond Strength:	isture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion co	oefficient :	NPD	Reaction to fire:		Euroclass A1
Direct airborne sound ins	Fixed Value:	5/10	Water absorption: Water vapour diffusion coefficie	ent:	NPD
	Gross density: Configuration:	730 kg/m <sup>3</sup> As Above	Direct airborne sound insulatio	Fixed Value: n: Gross density:	5/10 730 kg/m <sup>3</sup>
Thermal conductivity:	Configuration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-	thaw:	NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:         See Note           Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.		appropriate form. See Annex Z	A3 of BS EN 771-4	See Note only be given when and where required in the 4:2011.	

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

Signed on behalf of the manufacturer:

as la lathere

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 771-4:2011		Declaration of Performance DOP/HANUK/TH/6301114 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		JK/TH/6301114 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL
Hi Strength	7 Coursing Block 15		Hi Strength 7	Coursing Block 15
Category II, 440 x 100 x 65 mm au Dimensions: 440 (mm) x 100 (mm) x 65 (mm) Dimensional tolerances: category:	toclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 440 x	100 x 65 mm, au uct conforms: Sta	opean Standard: <b>BS EN 771-4:2011</b> toclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>		sture Movement:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1	Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion coefficient : Fixed Value:	NPD 5/10	Reaction to fire: Water absorption:		Euroclass A1 NPD
Direct airborne sound insulation: Gross density:	730 kg/m <sup>3</sup>	Water vapour diffusion coefficie Direct airborne sound insulatio	Fixed Value: n:	5/10
Configuration: Thermal conductivity:	As Above 0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	Gross density: Configuration:	730 kg/m <sup>3</sup> As above 0.16 W/m.K [λ <sub>10.drv unit,</sub> S2]
Durability against freeze-thaw: Dangerous Substances:	NPD See Note	Durability against freeze-thaw:		NPD
-	will only be given when and where required in the	appropriate form. See Annex Z	A3 of BS EN 771-4	See Note only be given when and where required in the :2011. in conformity with the declared values, when installed it

Dimensional stability:				
Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m		
Shear Bonu Strength.	Fixed value:	0.15 N/mm <sup>2</sup>		
Flexural Bond Strength:		NPD		
Reaction to fire:		Euroclass A1		
Water absorption:		NPD		
Water vapour diffusion co				
Direct airborne sound insu	Fixed Value:	5/10		
	Gross density: Configuration:	730 kg/m <sup>3</sup> As above		
Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		
Durability against freeze-tl	haw:	NPD		
Dangerous Substances:		See Note		
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.				

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

Signed on behalf of the manufacturer:

as la lathere Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



(	<b>F</b>	D		Df Performance UK/TH/6301121
			The undersigned, re	epresenting the following:
Measham Wor	uilding Products ks, Atherstone Road, m, DE12 7EL		Measham Worl	uilding Products ks, Atherstone Road, m, DE12 7EL
BS EN	771-4:2011		Con	firms that:
Hi Strength	7 Coursing Block 15		Hi Strength	7 Coursing Block 15
		Conforms t	o the Harmonised Eu	Iropean Standard: BS EN 771-4:2011
	toclaved aerated concrete masonry units	Category II, 44	10 x 115 x 65 mm, au	utoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 115 (mm) x 65 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the p		andard: Annex ZA of BS EN 771-4:2011, System 4 egulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ti
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Nater Absorption:	NPD	Reaction to fire:		
Nater vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		Euroclass A1 NPD
Direct airborne sound insulation: Gross density:	730 ka/m <sup>3</sup>	Water vapour diffusion coeff	Fixed Value:	5/10
Configuration:	As Above	Direct airborne sound insula	Gross density: Configuration:	
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	Comgutation:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-tha	w:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances a appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	Note: Information on Danger appropriate form. See Annex		II only be given when and where required in the 4:2011.

Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		
Configuration:	category.	Solid		
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]		
Dimensional stability:				
	are Movement:	Nominal 0.50 mm/m		
Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>		
Flexural Bond Strength:		NPD		
Reaction to fire:		Euroclass A1		
Water absorption:		NPD		
Water vapour diffusion coefficient	:			
	Fixed Value:	5/10		
Direct airborne sound insulation:	Gross density:	730 ka/m <sup>3</sup>		
	Configuration:	As above		
Thermal conductivity:	J	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		
Durability against freeze-thaw:		NPD		
Dangerous Substances:		See Note		
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.				

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

Signed on behalf of the manufacturer:

as la lathere Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



	(	6		D		of Performance JK/TH/6301138
				The undersigned, representing the following:		
	Measham Work	uilding Products s, Atherstone Road, n, DE12 7EL		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		s, Atherstone Road, n, DE12 7EL
	BS EN	771-4:2011			Confi	irms that:
	Hi Strength 7	7 Coursing Block 15			Hi Strength 7	Coursing Block 15
				Conforms to	o the Harmonised Eur	opean Standard: BS EN 771-4:2011
		oclaved aerated concrete masonry units		Category II, 44	0 x 140 x 65 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 1 Dimensional tolerances:	40 (mm) x 65 (mm) category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the pr		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	0,	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery tid
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category.	Solid
Dimension Stability:	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:		
Flexural Bond Strength:	Fixed value.	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:		NPD		Reaction to fire:		NPD
Water vapour diffusion co	pefficient :					Euroclass A1
	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound ins	Gross density:	730 ka/m <sup>3</sup>		Water vapour diffusion coeff	Fixed Value:	5/10
	Configuration:	As Above		Direct airborne sound insula	Gross density:	730 kg/m <sup>3</sup>
Thermal conductivity:	<u> </u>	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-	thaw:	NPD		Durability against freeze-tha	w:	NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Dan appropriate form. See An		rill only be given when and where required in the 1-4:2011.		Note: Information on Danger appropriate form. See Annex	ZA3 of BS EN 771-4	only be given when and where required in the

	category:	GPLM (unless stated otherwise on the delivery ticket)		
Configuration:		Solid		
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]		
Dimensional stability:				
Moisture M Shear Bond strength:	lovement:	Nominal 0.50 mm/m		
Fix	ked value:	0.15 N/mm <sup>2</sup>		
Flexural Bond Strength:		NPD		
Reaction to fire:		Euroclass A1		
Water absorption:		NPD		
Water vapour diffusion coefficient:				
Fix Direct airborne sound insulation:	ed Value:	5/10		
Gros	s density: figuration:	730 kg/m <sup>3</sup> As above		
Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]		
Durability against freeze-thaw:		NPD		
Dangerous Substances:		See Note		
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.				

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

Signed on behalf of the manufacturer:

as la lathere

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 771-4:2011		Declaration of Performance DOP/HANUK/TH/6301626 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		JK/TH/6301626 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL
Hi Strength	7 Coursing Block 15		Hi Strength 7	Coursing Block 15
Category II, 440 x 150 x 65 mm a Dimensions: 440 (mm) x 150 (mm) x 65 (mm) Dimensional tolerances: category:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 440 x	150 x 65 mm, au uct conforms: Sta	opean Standard: <b>BS EN 771-4:2011</b> toclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength:	Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	Compressive strength: Dimensional stability: Moi	sture Movement:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1	Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion coefficient : Fixed Value:	NPD 5/10	Reaction to fire: Water absorption:		Euroclass A1 NPD
Direct airborne sound insulation: Gross density:	Ū.	Water vapour diffusion coefficie Direct airborne sound insulatio	Fixed Value:	5/10 730 ka/m <sup>3</sup>
Configuration: Thermal conductivity:	As Above 0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw: Dangerous Substances:	NPD See Note	Durability against freeze-thaw:		NPD
-	will only be given when and where required in the	appropriate form. See Annex Z	A3 of BS EN 771-4	See Note only be given when and where required in the :2011. in conformity with the declared values, when installed it

Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		
Dimensional stability:	isture Movement:	Nominal 0.50 mm/m		
Shear Bond strength:	isture wovement:	Nominal 0.50 mm/m		
enear Bena enengin	Fixed value:	0.15 N/mm <sup>2</sup>		
Flexural Bond Strength:		NPD		
Reaction to fire:		Euroclass A1		
Water absorption:		NPD		
Water vapour diffusion coeffici	ent:			
	Fixed Value:	5/10		
Direct airborne sound insulation		3		
	Gross density:	730 kg/m <sup>3</sup>		
The second second section is the	Configuration:	As above		
Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]		
Durability against freeze-thaw:		NPD		
Dangerous Substances:		See Note		
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.				

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

Signed on behalf of the manufacturer:

as la lathere

Full name: Carl Cuthbert

Position: Head of Quality and Clay Services



			DOP/HAN	of Performance JK/TH/6300087	
Hanson P		In	e undersigned, re	presenting the following:	
Measham Wor	uilding Products ks, Atherstone Road, am, DE12 7EL		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
BS EN	771-4:2011			Conf	irms that:
Cou	rsing Unit 15			Cour	sing Unit 15
			Conforms to the	e Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category II, 215 x 100 x 65 mm au	utoclaved aerated concrete masonry units		Category II. 215 x	100 x 65 mm. au	toclaved aerated concrete masonry units
Dimensions: 215 (mm) x 100 (mm) x 65 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [1 bed face, whole unit]. [Cat II]		Configuration:	calegory.	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability: Mois	sture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Tixeu value.	NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:	000 kg/m <sup>3</sup>		Water vapour diffusion coefficie	nt: Fixed Value:	5/10
Gross density: Configuration:	600 kg/m³ As Above		Direct airborne sound insulation	: Gross density:	600 kg/m <sup>3</sup>
Thermal conductivity:	0.13 W/m.K [λ <sub>10.dry unit,</sub> S2]		Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note		Dangerous Substances:		NPD See Note
-	will only be given when and where required in the '1-4:2011.				only be given when and where required in the
See Also Declaration of Performance DOP/HA	NUK/TH/6300087	-			s in conformity with the declared values, when installed in I general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/TH/6300100 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
		771-4:2011			
	Cour	sing Unit 15		Cours	sing Unit 15
Cotogony II 21	15 x 115 x 65 mm ou	toclaved aerated concrete masonry units	Conforms to t	he Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 115		lociaved aeraied concrete masoning units	Category II, 215	x 115 x 65 mm, aut	toclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the proc		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	0,	Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:		Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid
Dimension Stability: M	loisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.9 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:	bisture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:		NPD	Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Tixed value.	NPD
Water Absorption:		NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coe	efficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insul	lation:		Water vapour diffusion coeffic		- // -
	Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound insulation		5/10
	Configuration:	As Above		Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	<b>U</b>	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-th	naw:	NPD	Durability against freeze-thaw: NPD		
Dangerous Substances:		See Note	Dangerous Substances:		See Note
Note: Information on Dange appropriate form. See Anne		vill only be given when and where required in the 1-4:2011.	appropriate form. See Annex Z	A3 of BS EN 771-4	only be given when and where required in the 1:2011.

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

Signed on behalf of the manufacturer:

as la latheren

Position: Head of Quality and Clay Services



C	E			DOP/HANU	Df Performance JK/TH/6300117 Ppresenting the following:
Hanson B Measham Wor Measha		Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			
BSEM	N 771-4:2011			Conf	irms that:
Cou	rrsing Unit 15			Cour	sing Unit 15
			Conforms to the	e Harmonised Eu	ropean Standard: BS EN 771-4:2011
	utoclaved aerated concrete masonry units		Category II, 215 x	125 x 65 mm, au	toclaved aerated concrete masonry units
Dimensions: 215 (mm) x 125 (mm) x 65 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration: Compressive strength:	Solid Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Solid Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup> NPD		Dimensional stability: Mois Shear Bond strength:	sture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption: Water vapour diffusion coefficient :	NPD		Reaction to fire:		Euroclass A1
Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation: Gross density:	600 kg/m <sup>3</sup>		Water vapour diffusion coefficie	Fixed Value:	5/10
Configuration:	As Above			Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]		Thermal conductivity:	Jongurunoll.	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the 71-4:2011.		Note: Information on Dangerous appropriate form. See Annex ZA		l only be given when and where required in the 4:2011.
See Also Declaration of Performance DOP/HA		4			s in conformity with the declared values, when installed is general purpose or lightweight mortars.

Position: Head of Quality and Clay Services

Signed on behalf of the

manufacturer:

as la latheren

Date: 02 June 2015



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL BS EN 771-4:2011				Declaration of Performance DOP/HANUK/TH/6300131 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
	Cour	sing Unit 15			Cours	sing Unit 15
				Conforms to	the Harmonised Eur	opean Standard: BS EN 771-4:2011
		oclaved aerated concrete masonry units		Category II, 215	5 x 140 x 65 mm, aut	toclaved aerated concrete masonry units
Dimensions: 215 (mm) x 14 Dimensional tolerances:	40 (mm) x 65 (mm) category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	0.1	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:		Mean 2.9 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category.	Solid
Dimension Stability:	Noisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	loisture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:		NPD		Shear Bond strength:		
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:		NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion co	efficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insu	ulation:			Water vapour diffusion coefficient		5/40
	Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insulat		5/10
	Configuration:	As Above			Gross density: Configuration:	600 kg/m³ As above
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]		Thermal conductivity:	0	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-th	haw:	NPD	Durability against freeze-thaw: NPD			
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Dang appropriate form. See Ann		vill only be given when and where required in the 1-4:2011.		appropriate form. See Annex	ZA3 of BS EN 771-4	only be given when and where required in the 1:2011.

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

Signed on behalf of the manufacturer:

as la latheren

Position: Head of Quality and Clay Services



	CE				DOP/HANU	of Performance IK/TH/6300148
	Hanson B	uilding Products			The undersigned, re	presenting the following:
	Measham Works, Atherstone Road, Measham, DE12 7EL			Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL		
	BS EN	771-4:2011			Confi	rms that:
	Cou	rsing Unit 15			Cours	sing Unit 15
				Conforms to	the Harmonised Eur	opean Standard: BS EN 771-4:2011
Category II,	215 x 150 x 65 mm au	toclaved aerated concrete masonry units		Category II, 215	x 150 x 65 mm, au	toclaved aerated concrete masonry units
Dimensions: 215 (mm) x Dimensional tolerances:		GPLM (unless stated otherwise on the delivery ticket)		Provision to which the pro		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:		Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category.	Solid
Dimension Stability:	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:		
Flexural Bond Strength:		NPD		Shear Bond strength:	oisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Water Absorption:		NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion of	coefficient : Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound in	sulation:			Water vapour diffusion coeffic		- // 2
	Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insulati		5/10
	Configuration:	As Above			Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:		$0.13 \text{ W/m.K } [\lambda_{10,dry \text{ unit}}, S2]$		Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze	e-thaw:	NPD		Durability against freeze-thaw	:	NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Dat appropriate form. See A		vill only be given when and where required in the 1-4:2011.		appropriate form. See Annex 2	ZA3 of BS EN 771-4	only be given when and where required in the 1:2011.

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

Signed on behalf of the manufacturer:

as la latheren

Position: Head of Quality and Clay Services



Hanson E Measham Wo Measha		-	DOP/HANU he undersigned, re Hanson Bu Measham Work Meashar	bf Performance JK/TH/6300445 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL	
BS EI	N 771-4:2011			Hi Str	rength 10
Hi S	itrength 10 15				15
			Conforms to t	he Harmonised Eu	ropean Standard: BS EN 771-4:2011
	3-CPD-00149		Category I, 440 x	100 x 215 mm, au	toclaved aerated concrete masonry units
Category I, 440 x 100 x 215 mm a Dimensions: 440 (mm) x 100 (mm) x 215 (mm)	utoclaved aerated concrete masonry units		Provision to which the prod		ndard: Annex ZA of BS EN 771-4:2011, System 2+ gulation (EU): 305/2011
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)		Dimensional tolerances:		
category:	Solid		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Compressive strength:	Mean 9.0 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	bisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD		Flexural Bond Strength:		NPD
Reaction to fire:	Euroclass A1		Reaction to fire:		Euroclass A1
Water Absorption:	NPD		Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Value:	5/10		Water vapour diffusion coeffic	ient: Fixed Value:	5/10
Direct airborne sound insulation:			Direct airborne sound insulation	on: Gross density:	770 ka/m <sup>3</sup>
Gross density:	·		Thermal conductivity:	Configuration:	As above
Configuration:			2		0.17 W/m.K [λ <sub>10,dry unit,</sub> S2]
Thermal conductivity:	0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]		Durability against freeze-thaw:		NPD
Durability against freeze-thaw:	NPD		Dangerous Substances: Note: Information on Dangerou	is substances will	See Note only be given when and where required in the
Dangerous Substances: Note: Information on Dangerous substances	See Note will only be given when and where required in the		appropriate form. See Annex Z	A3 of BS EN 771-4	
appropriate form. See Annex ZA3 of BS EN 7 See Also Declaration of Performance DOP/HA	71-4:2011.	1			general purpose or lightweight mortars.

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			DOP/HANU he undersigned, re Hanson Bu Measham Work Meashar	of Performance JK/TH/6300469 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL irms that:	
	BS EN	N 771-4:2011		11: 04	an ath 10
	Hi S	trength 10			rength 10 15
		15	Conforms to the	ne Harmonised Eur	ropean Standard: BS EN 771-4:2011
	13333	-CPD-00149	Category I, 440 x	140 x 215 mm, au	toclaved aerated concrete masonry units
Category I, 440 x 140 x 21 Dimensions: 440 (mm) x 140 (mm) x 21		utoclaved aerated concrete masonry units	Provision to which the produ		ndard: Annex ZA of BS EN 771-4:2011, System 2+ gulation (EU): 305/2011
Dimensional tolerances:	egory:	GPLM (unless stated otherwise on the delivery ticket)	Dimensional tolerances:		
Configuration:	egory.	Solid	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Mov	mont.	Nominal 0.50 mm/m	Dimensional stability:		
Shear Bond Strength:			Mo Shear Bond strength:	isture Movement:	Nominal 0.50 mm/m
Fixed	value:	0.15 N/mm <sup>2</sup> NPD	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:		Euroclass A1	Reaction to fire:		NPD
Water Absorption:		NPD	Water absorption:		Euroclass A1
Water vapour diffusion coefficient :					NPD
	Value:	5/10	Water vapour diffusion coefficient	Fixed Value:	5/10
Direct airborne sound insulation:	oncitur	770 kg/m <sup>3</sup>	Direct airborne sound insulatio	Gross density:	770 kg/m <sup>3</sup>
		As Above	Thermal conductivity:	Configuration:	As above
Thermal conductivity:	auon:	AS ADOVE 0.17 W/m.K [λ <sub>10.dry unit</sub> , S2]	Durability against freeze-thaw:		0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:		NPD	Dangerous Substances:		NPD
Dangerous Substances:		See Note	Note: Information on Dangerou		See Note only be given when and where required in the
Note: Information on Dangerous subs appropriate form. See Annex ZA3 of B See Also Declaration of Performance I	S EN 77			identified above is	in conformity with the declared values, when installed in general purpose or lightweight mortars.

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 Meashar	<b>of Performance</b> JK/TH/6300476 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL
	EN 771-4:2011		Hi Sti	rength 10
Hi	Strength 10 15			15
		Conforms to t	he Harmonised Eur	opean Standard: BS EN 771-4:2011
1333	33-CPD-00149	Category I, 440 x	150 x 215 mm, au	toclaved aerated concrete masonry units
Category I, 440 x 150 x 215 mm Dimensions: 440 (mm) x 150 (mm) x 215 (mm	autoclaved aerated concrete masonry units	Provision to which the prod		ndard: Annex ZA of BS EN 771-4:2011, System 2+ gulation (EU): 305/2011
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery	Dimensional tolerances:		
category Configuration:	: ticket) Solid	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Compressive strength:	Mean 9.0 N/mm <sup>2</sup> [1 bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [1 bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Movement Shear Bond Strength:	: Nominal 0.50 mm/m		pisture Movement:	Nominal 0.50 mm/m
Fixed value	: 0.15 N/mm <sup>2</sup>	Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD	Flexural Bond Strength:		NPD
Reaction to fire:	Euroclass A1	Reaction to fire:		Euroclass A1
Water Absorption:	NPD	Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Value	: 5/10	Water vapour diffusion coeffic	ient: Fixed Value:	5/10
Direct airborne sound insulation:	2	Direct airborne sound insulation	on: Gross density:	770 ka/m <sup>3</sup>
Gross density	: 770 kg/m <sup>3</sup>	<b></b>	Configuration:	As above
Configuration	: As Above	Thermal conductivity:		0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]
Thermal conductivity:	0.17 W/m.K [λ <sub>10,dry unit,</sub> S2]	Durability against freeze-thaw:		NPD
Durability against freeze-thaw:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangerou appropriate form. See Annex Z		only be given when and where required in the I:2011.
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN See Also Declaration of Performance DOP/H				in conformity with the declared values, when installed in general purpose or lightweight mortars. <i>Hull name: Carl Cuthbert</i>

Position: Head of Quality and Clay Services



Hanson Measham Wo Meash		DOP/HANU The undersigned, re Hanson Bu Measham Work Meashar	<b>of Performance</b> JK/TH/6300483 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL	
BS E	EN 771-4:2011		Hi Str	rength 10
Hi	Strength 10 15			15
4000		Conforms to t	he Harmonised Eur	opean Standard: BS EN 771-4:2011
	33-CPD-00149	Category I, 440 x	190 x 215 mm, au	toclaved aerated concrete masonry units
Category I, 440 x 190 x 215 mm : Dimensions: 440 (mm) x 190 (mm) x 215 (mm	autoclaved aerated concrete masonry units	Provision to which the prod		ndard: Annex ZA of BS EN 771-4:2011, System 2+ gulation (EU): 305/2011
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery	Dimensional tolerances:		
Configuration:	Solid	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Compressive strength:	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Movement:	: Nominal 0.50 mm/m	Dimensional stability:	· · · · ·	
Shear Bond Strength: Fixed value:		Mo Shear Bond strength:	bisture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Reaction to fire:	Euroclass A1	Reaction to fire:		Euroclass A1
Water Absorption:	NPD	Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Value:	: 5/10	Water vapour diffusion coeffic	ient: Fixed Value:	5/10
Direct airborne sound insulation:		Direct airborne sound insulation	on:	
Gross density:	: 770 kg/m <sup>3</sup>		Gross density: Configuration:	770 kg/m³ As above
Configuration	As Above	Thermal conductivity:		0.17 W/m.K [λ <sub>10,dry unit,</sub> S2]
Thermal conductivity:	0.17 W/m.K [ $\lambda_{10,dry unit}$ , S2]	Durability against freeze-thaw:		NPD
Durability against freeze-thaw:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	Note: Information on Dangeron appropriate form. See Annex Z		only be given when and where required in the I:2011.
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7 See Also Declaration of Performance DOP/H				in conformity with the declared values, when installed in general purpose or lightweight mortars. <i>Hull name: Carl Cuthbert</i>

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			DOP/HANU he undersigned, re Hanson Bu Measham Work Meashar	of Performance IK/TH/6300490 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL rms that:	
	BS EN	771-4:2011			
	Hi S	rength 10			ength 10 15
		15	Conforms to the	ne Harmonised Eur	opean Standard: BS EN 771-4:2011
	13333	-CPD-00149	Category I, 440 x	200 x 215 mm, au	toclaved aerated concrete masonry units
Category I, 440 x 200 x 21 Dimensions: 440 (mm) x 200 (mm) x 21		toclaved aerated concrete masonry units	Provision to which the produ		ndard: Annex ZA of BS EN 771-4:2011, System 2+ gulation (EU): 305/2011
Dimensional tolerances:	egory:	GPLM (unless stated otherwise on the delivery ticket)	Dimensional tolerances:		
Configuration:	sgory.	Solid	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [1 bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Move	mont.	Nominal 0.50 mm/m	Dimensional stability:		
Shear Bond Strength:			Moi Shear Bond strength:	isture Movement:	Nominal 0.50 mm/m
Fixed	value:	0.15 N/mm <sup>2</sup> NPD	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:		Euroclass A1	Reaction to fire:		NPD
Water Absorption:		NPD	Water absorption:		Euroclass A1
Water Absorption. Water vapour diffusion coefficient :		NFD			NPD
	/alue:	5/10	Water vapour diffusion coefficie	Fixed Value:	5/10
Direct airborne sound insulation:	noit <i>u</i>	770 kg/m <sup>3</sup>	Direct airborne sound insulatio	Gross density:	770 kg/m <sup>3</sup>
		As Above	Thermal conductivity:	Configuration:	As above
Thermal conductivity:	auon	0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]	Durability against freeze-thaw:		0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:		NPD	Dangerous Substances:		NPD
Dangerous Substances:		See Note	Note: Information on Dangerou		See Note only be given when and where required in the
5	6 EN 77			identified above is	in conformity with the declared values, when installed in general purpose or lightweight mortars.

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			DOP/HANL he undersigned, re Hanson Bu Measham Work Meashar	of Performance IK/TH/6300506 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL rms that:	
		1771-4:2011 trength 10			ength 10 15
		15			15
	10000	-CPD-00149	Conforms to th	e Harmonised Eur	opean Standard: BS EN 771-4:2011
	13333.	-CFD-00149	Category I, 440 x 2	215 x 215 mm, au	toclaved aerated concrete masonry units
Category I, 440 x 21 Dimensions: 440 (mm) x 215 (mm		toclaved aerated concrete masonry units	Provision to which the produ		ndard: Annex ZA of BS EN 771-4:2011, System 2+ gulation (EU): 305/2011
Dimensional tolerances:	, , ,	GPLM (unless stated otherwise on the delivery	Dimensional tolerances:		
Configuration:	category:	ticket) Solid	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Shear Bond Strength:	e Movement:	Nominal 0.50 mm/m	Dimensional stability: Mois	sture Movement:	Nominal 0.50 mm/m
	Fixed value:	0.15 N/mm <sup>2</sup>	Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:		NPD	Flexural Bond Strength:		NPD
Reaction to fire:		Euroclass A1	Reaction to fire:		Euroclass A1
Water Absorption:		NPD	Water absorption:		NPD
	Fixed Value:	5/10	Water vapour diffusion coefficie	Fixed Value:	5/10
Direct airborne sound insulation		2	Direct airborne sound insulation	n: Gross density:	770 kg/m <sup>3</sup>
G	Fross density:	770 kg/m°	The sum of a surplus of a data	Configuration:	As above
C	Configuration:	As Above	Thermal conductivity:		0.17 W/m.K [λ <sub>10,dry unit,</sub> S2]
Thermal conductivity:		0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]	Durability against freeze-thaw:		NPD
Durability against freeze-thaw:		NPD	Dangerous Substances:		See Note
Dangerous Substances:		See Note	Note: Information on Dangerous appropriate form. See Annex ZA		only be given when and where required in the l:2011.
Note: Information on Dangerous appropriate form. See Annex ZA See Also Declaration of Performa	3 of BS EN 77				in conformity with the declared values, when installed in 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/TH/6300513 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		JK/TH/6300513 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL
BS	S EN 771-4:2011			remeth 10
	Hi Strength 10		HI Sti	rength 10 15
	15	Conforms to the	ne Harmonised Eur	ropean Standard: BS EN 771-4:2011
13	333-CPD-00149	Category I, 440 x	275 x 215 mm, au	toclaved aerated concrete masonry units
Category I, 440 x 275 x 215 m Dimensions: 440 (mm) x 275 (mm) x 215 (m	m autoclaved aerated concrete masonry units	Provision to which the produ		ndard: Annex ZA of BS EN 771-4:2011, System 2+ gulation (EU): 305/2011
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery	Dimensional tolerances:		
Configuration:	Solid	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Compressive strength:	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Moveme	ent: Nominal 0.50 mm/m	Dimensional stability:		
Shear Bond Strength: Fixed value		Moi Shear Bond strength:	isture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Reaction to fire:	Euroclass A1	Reaction to fire:		Euroclass A1
Water Absorption:	NPD	Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Value	ue: 5/10	Water vapour diffusion coefficie	ent: Fixed Value:	5/10
Direct airborne sound insulation:		Direct airborne sound insulatio	n: Gross density:	770 ka/m <sup>3</sup>
	ity: 770 kg/m <sup>3</sup>	Thermal conductivity:	Configuration:	As above
6	on: As Above			0.17 W/m.K [λ <sub>10,dry unit,</sub> S2]
Thermal conductivity:	0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]	Durability against freeze-thaw:		NPD
Durability against freeze-thaw:	NPD	Dangerous Substances: Note: Information on Dangerou	s substances will	See Note only be given when and where required in the
Dangerous Substances:	See Note	appropriate form. See Annex Z		
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS El See Also Declaration of Performance DOP			r's instructions and	in conformity with the declared values, when installed in 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/HANU he undersigned, re Hanson Bu Measham Work Meashar	of Performance IK/TH/6300520 presenting the following: ilding Products s, Atherstone Road, n, DE12 7EL rms that:	
BS E	N 771-4:2011		Hi Strength 10			
His	Strength 10 15					
1222			Conforms to t	he Harmonised Eur	opean Standard: BS EN 771-4:2011	
13333-CPD-00149			Category I, 440 x	300 x 215 mm, au	toclaved aerated concrete masonry units	
Category I, 440 x 300 x 215 mm autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 300 (mm) x 215 (mm)			Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, S Regulation (EU): 305/2011			
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Dimensional tolerances:			
category:	ry: ticket) Solid		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Compressive strength:	Mean 9.0 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	sture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Flexural Bond Strength:	NPD		Flexural Bond Strength:	Fixed value.	NPD	
Reaction to fire:	Euroclass A1		Reaction to fire:		Euroclass A1	
Water Absorption:	NPD		Water absorption:		NPD	
Water vapour diffusion coefficient : Fixed Value:	5/10		Water vapour diffusion coeffici	ient: Fixed Value:	5/10	
Direct airborne sound insulation:			Direct airborne sound insulation		770 kg/m <sup>3</sup>	
Gross density:	Ū.		Thermal conductivity	Configuration:	As above	
Configuration:			Thermal conductivity:		0.17 W/m.K [λ <sub>10,dry unit,</sub> S2]	
Thermal conductivity:	0.17 W/m.K [λ <sub>10,dry unit,</sub> S2]		Durability against freeze-thaw:		NPD	
Durability against freeze-thaw:	NPD		Dangerous Substances:	is substance will	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 771-4:2011.						
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7 See Also Declaration of Performance DOP/H.				in conformity with the declared values, when installed in general purpose or lightweight mortars. Half Carl Cuthbert		

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/TH/6300445 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
BS EN 771-4:2011 Hi Strength 10			Hi Strength 10 15		
15 13333-CPD-00149 Category I, 440 x 355 x 215 mm autoclaved aerated concrete masonry units			Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category I, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+		
Dimensions: 440 (mm) x 355 (mm) x 215 (mr Dimensional tolerances: categor Configuration:	GPLM (unless stated otherwise on the delivery	Dimensional tolerances: Configuration:	category:	gulation (EU): 305/2011 GPLM (unless stated otherwise on the delivery ticket) Solid	
Compressive strength: Dimension Stability: Moisture Movemen	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I] t: Nominal 0.50 mm/m		Compressive strength: Dimensional stability:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
Shear Bond Strength: Fixed value Flexural Bond Strength:	<u>^</u>		Moi Shear Bond strength: Flexural Bond Strength:	sture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup> NPD
Reaction to fire: Water Absorption:	Euroclass A1 NPD		Reaction to fire: Water absorption:		Euroclass A1
Water vapour diffusion coefficient : Fixed Value Direct airborne sound insulation:			Water vapour diffusion coefficie Direct airborne sound insulation	Fixed Value:	NPD 5/10 770 kg/m <sup>3</sup>
Gross densit Configuration	y: 770 kg/m³ h: As Above			Configuration:	As above 0.17 W/m.K [ $\lambda_{10,dry unit}$ , S2]
Thermal conductivity:	0.17 W/m.K [λ <sub>10,dry unit,</sub> S2]		Durability against freeze-thaw:		NPD
Durability against freeze-thaw: Dangerous Substances:	NPD See Note		Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA		See Note only be given when and where required in the 4:2011.
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN See Also Declaration of Performance DOP/		The performance of the product i	identified above is 's instructions and	s in conformity with the declared values, when installed in I 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/TH/6301466 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
BS EN 771-4:2011 Hi Strength 10		Hi Strength 10 15		
15 13333-CPD-00149 Category I, 440 x 275 x 140 mm autoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category I, 440 x 275 x 140 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+		
Dimensions: 440 (mm) x 275 (mm) x 140 (mm) Dimensional tolerances: category: Configuration:	GPLM (unless stated otherwise on the delivery	Dimensional tolerances: Configuration:	category:	gulation (EU): 305/2011 GPLM (unless stated otherwise on the delivery ticket) Solid
Compressive strength: Dimension Stability: Shear Bond Strength: Fixed value:	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I] Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>	Compressive strength: Dimensional stability: Moi Shear Bond strength:	sture Movement: Fixed value:	Mean 9.0 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat I] Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Flexural Bond Strength: Reaction to fire: Water Absorption:	NPD Euroclass A1 NPD	Flexural Bond Strength: Reaction to fire: Water absorption:		NPD Euroclass A1
Water vapour diffusion coefficient : Fixed Value: Direct airborne sound insulation: Gross density:	5/10 770 kg/m <sup>3</sup>	Water vapour diffusion coefficie	Fixed Value:	NPD 5/10 770 kg/m <sup>3</sup> As above
Configuration: Thermal conductivity: Durability against freeze-thaw:	As Above 0.17 W/m.Κ [λ <sub>10,dry unit,</sub> S2] NPD	Thermal conductivity: Durability against freeze-thaw: Dangerous Substances:		0.17 W/m.K [λ <sub>10,dry unit</sub> , S2] NPD See Note
Dangerous Substances:	See Note will only be given when and where required in the	Note: Information on Dangerous appropriate form. See Annex ZA The performance of the product	A3 of BS EN 771-4 identified above is r's instructions and	only be given when and where required in the

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/TH/6301565 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
BS EN 771-4:2011						
Hi Strength 10			Hi Strength 10 15			
		15		Conforms to the	he Harmonised Eur	ropean Standard: BS EN 771-4:2011
13333-CPD-00149				Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category I, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units		
Category I, 215 x 100 x 65 mm autoclaved aerated concrete masonry units						
Dimensions: 215 (mm) x 100 (mm) x 65 (mm)			Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011			
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:		Solid Configuration:	Configuration:	category.	Solid	
Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
Dimension Stability:				Dimensional stability:		
Shear Bond Strength:	bisture Movement:	Nominal 0.50 mm/m		Moi Shear Bond strength:	isture Movement:	Nominal 0.50 mm/m
Flowersh Dowel Office with	Fixed value:	0.15 N/mm <sup>2</sup>		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:		NPD		_		NPD
Reaction to fire:		Euroclass A1		Reaction to fire:		Euroclass A1
Water Absorption:		NPD		Water absorption:		NPD
Water vapour diffusion coef	Fixed Value:	5/10		Water vapour diffusion coefficie	ent: Fixed Value:	5/10
Direct airborne sound insula	ation:			Direct airborne sound insulatio	on:	
	Gross density:	770 kg/m <sup>3</sup>			Gross density: Configuration:	770 kg/m³ As above
	Configuration:	As Above		Thermal conductivity:		0.17 W/m.K [λ <sub>10,dry unit,</sub> S2]
Thermal conductivity:		$0.17 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$		Durability against freeze-thaw:		NPD
Durability against freeze-tha	iw:	NPD		Dangerous Substances:		See Note
Dangerous Substances:		See Note		Note: Information on Dangerou appropriate form. See Annex Z		only be given when and where required in the I:2011.
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. See Also Declaration of Performance DOP/HANUK/TH/6301565					r's instructions and	in conformity with the declared values, when installed in general purpose or lightweight mortars.

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/TH/6301602 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:			
BS EN 771-4:2011						
Hi Strength 10			Hi Strength 10 15			
		15		Conforms to th	ne Harmonised Eur	ropean Standard: BS EN 771-4:2011
13333-CPD-00149					coclaved aerated concrete masonry units	
Category I, 215 x 140 x 65 mm autoclaved aerated concrete masonry units					·	
Dimensions: 215 (mm) x 140 (mm) x 65 (mm)				Provision to which the produ		ndard: Annex ZA of BS EN 771-4:2011, System 2+ gulation (EU): 305/2011
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	0,	Solid	Configuration:	Configuration:		Solid
Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
Dimension Stability:	isture Movement:	Nominal 0.50 mm/m		Dimensional stability:		
Shear Bond Strength:				Moi Shear Bond strength:	isture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	Fixed value:	NPD		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD
Reaction to fire:		Euroclass A1		Reaction to fire:		
Water Absorption:		NPD		Water absorption:		Euroclass A1
Water vapour diffusion coeff	icient :			•		NPD
Direct cirkerne cound incule	Fixed Value:	5/10		Water vapour diffusion coefficie	Fixed Value:	5/10
Direct airborne sound insula	Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulation	Gross density:	770 kg/m <sup>3</sup>
	Configuration:	C C C C C C C C C C C C C C C C C C C		Thermal conductivity:	Configuration:	As above
Thermal conductivity:		0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]		Durability against freeze-thaw:		0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-that	w:	NPD		Dangerous Substances:		NPD See Note
Dangerous Substances:		See Note		Note: Information on Dangerous	s substances will	only be given when and where required in the
Note: Information on Danger appropriate form. See Annex	appropriate form. See Annex ZA3 of BS EN 771-4:2011.         Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.         The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.         See Also Declaration of Performance DOP/HANUK/TH/6301602       Signed on behalf of the manufacturer:					

Position: Head of Quality and Clay Services



Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL			Declaration of Performance DOP/HANUK/TH/6301619 The undersigned, representing the following: Hanson Building Products Measham Works, Atherstone Road, Measham, DE12 7EL Confirms that:		
BS EN 771-4:2011 Hi Strength 10			Hi Strength 10 15		
15 13333-CPD-00149 Category I, 215 x 150 x 65 mm autoclaved aerated concrete masonry units			Conforms to the Harmonised European Standard: <b>BS EN 771-4:2011</b> Category I, 215 x 150 x 65 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+		
Dimensions: 215 (mm) x 150 (mm) x 65 (mm Dimensional tolerances: categor Configuration:	GPLM (unless stated otherwise on the delivery category: ticket) Solid	Dimensional tolerances: Configuration:	category:	gulation (EU): 305/2011 GPLM (unless stated otherwise on the delivery ticket) Solid	
Compressive strength: Dimension Stability: Shear Bond Strength: Fixed value			Compressive strength: Dimensional stability: Moi Shear Bond strength:	isture Movement: Fixed value:	Mean 9.0 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat I] Nominal 0.50 mm/m 0.15 N/mm <sup>2</sup>
Flexural Bond Strength: Reaction to fire: Water Absorption:	NPD Euroclass A1 NPD		Flexural Bond Strength: Reaction to fire: Water absorption:		NPD Euroclass A1 NPD
	y: 770 kg/m <sup>3</sup>		Water vapour diffusion coefficie Direct airborne sound insulatio Thermal conductivity:	Fixed Value:	5/10 770 kg/m <sup>3</sup> As above
Configuration Thermal conductivity: Durability against freeze-thaw:	n: As Above 0.17 W/m.K [λ <sub>10,dry unit,</sub> S2] NPD		Durability against freeze-thaw: Dangerous Substances:		0.17 W/m.K [λ <sub>10,dry unit,</sub> S2] NPD See Note
Dangerous Substances: Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN See Also Declaration of Performance DOP/			appropriate form. See Annex ZA The performance of the product	A3 of BS EN 771-4 identified above is r's instructions and	I only be given when and where required in the         4:2011.         is in conformity with the declared values, when installed in         general purpose or lightweight mortars.         Full name: Carl Cuthbert

Position: Head of Quality and Clay Services