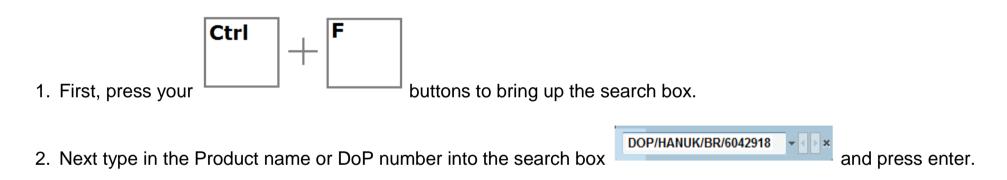


## Hanson Building Products

Atherstone Road Measham Swadlincote DE12 7EL Phone 01530 270333

www.hanson.com/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,

Rela Cathering

Carl Cuthbert Quality Manager Hanson Building Products



Hanson Hous Maic	ding Products Ltd se, 14 Castle Hill, denhead, L6 4JJ				of Performance JK/TH/6300919
Hanson Hous Maic	se, 14 Castle Hill, denhead,			The undersigned, re	presenting the following:
SI			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead.		
	LØ 455	-			L6 4JJ
BS EN	771-4:2011			Conf	ïrms that:
т			T	Furbo 12	
Category II, 440 x 100 x 215 mm au	toclaved aerated concrete masonry units		Conforms	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 215 (mm)			Category II, 4	40 x 100 x 215 mm, a	utoclaved aerated concrete masonry units
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:		
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Dimension Stability:			-		Solid
Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m		Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	Moisture Movement:	Nominal 0.40 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:		
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	
Water Absorption:	NPD		-		NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD
			Water vapour diffusion coe		
Gross density:	470 kg/m <sup>3</sup>		Direct airborne sound insu	Fixed Value:	5/10
Configuration:				Gross density:	
Thermal conductivity:	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	0.10 W/m.K [λ <sub>10.drv unit.</sub> S2]
Durability against freeze-thaw:	NPD		Durability against freeze-th	naw:	
Dangerous Substances:	See Note				NPD
Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 771		Dangerous Substances: Note: Information on Dang appropriate form. See Ann	erous substances wil	See Note I only be given when and where required in the	

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



			-			<b>HEIDELBERG</b> CE/MEINT Group
	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				DOP/HAN The undersigned, r Hanson Bu Hanson Ho Ma	of Performance IUK/TH/6300933 representing the following: ilding Products Ltd use, 14 Castle Hill, idenhead, SL6 4JJ
	BS EN	771-4:2011				nfirms that:
	т	urbo 12				Turbo 12
Category II, 440 x 11	5 x 215 mm au	toclaved aerated concrete masonry units		Conforms	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 115 (mm)			Category II, 440 x 115 x 215 mm, autoclaved aerated concrete masonry units			autoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		tandard: Annex ZA of BS EN 771-4:2011, System 4 equlation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	
Dimension Stability: Moisture Shear Bond Strength:	e Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD		Dimensional stability: Shear Bond strength:	Moisture Movement:	Nominal 0.40 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 coefficien	nt:	NPD		Reaction to fire:		Euroclass A1
_	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:	: ross density:	470 kg/m <sup>3</sup>		Water vapour diffusion co	Fixed Value:	5/10
C	configuration:	As Above		Direct airborne sound insu	Gross density:	
Thermal conductivity:		0.10 W/m.K [λ <sub>10,dry unit,</sub> S2]		Thermal conductivity:	Configuration:	As above 0.10 W/m.K [λ <sub>10.drv unit.</sub> S2]
Durability against freeze-thaw:		NPD		Durability against freeze-th	naw:	•
Dangerous Substances:		See Note				NPD See Note
Note: Information on Dangerous appropriate form. See Annex ZA3		ill only be given when and where required in the -4:2011.		Dangerous Substances: Note: Information on Dang appropriate form. See Ann		ill only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	F				of Performance uk/th/6300957
				The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN 771-4:2011					Con	firms that:
	1	Furbo 12				Turbo 12
Category II, 4	140 x 125 x 215 mm au	utoclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 1	25 (mm) x 215 (mm)			Category II, 440 x 125 x 215 mm, autoclaved aerated concrete masonry units		
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:		
Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	
	Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	Maiatura Mayamantu	Naminal 0.40 mm/m
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	
Water Absorption:		NPD		Reaction to fire:		NPD
Water vapour diffusion co		5/40				Euroclass A1
Direct airborne sound ins	Fixed Value:	5/10		Water absorption:		NPD
Birost di borne soulid liis	Gross density:	470 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
	Configuration:	As Above		Direct airborne sound insu	lation:	
Thormal conductivity	Comguration.				Gross density: Configuration:	
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-t	tnaw:	NPD		Durability against freeze-th	naw:	NPD
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.			erous substances wi ex ZA3 of BS EN 771	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 installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



				of Performance UK/TH/6300971	
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN 771-4:2011			Conf	firms that:	
Turbo 12			I	Furbo 12	
Category II, 440 x 130 x 215 mm autoclaved aerated of	oncrete masonry units	Conforms	Conforms to the Harmonised European Standard: BS EN 771-4:2011		
Dimensions: 440 (mm) x 130 (mm) x 215 (mm)		Category II, 4	Category II, 440 x 130 x 215 mm, autoclaved aerated concrete masonry units		
	ated otherwise on the delivery	Provision to which the		andard: Annex ZA of BS EN 771-4:2011, System 4 equiation (EU): 305/2011	
Configuration: Solid		Dimensional tolerances:			
Compressive strength: Mean 2.90 N/mn	<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:		
Dimension Stability: Moisture Movement: Nominal 0.40 mr	ı/m	Compressive strength:		Solid 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:		Mean 2.90 N/mm [1 bed face, whole unit]. [Cat II]	
ilexural Bond Strength: NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m	
Reaction to fire: Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Vater Absorption: NPD		Ū		NPD	
Vater vapour diffusion coefficient :		Reaction to fire:		Euroclass A1	
Fixed Value: 5/10 Direct airborne sound insulation:		Water absorption:		NPD	
Gross density: 470 kg/m <sup>3</sup>		Water vapour diffusion coe	efficient: Fixed Value:	5/10	
Configuration: As Above		Direct airborne sound insu	lation:		
Ũ	001		Gross density: Configuration:		
Thermal conductivity: 0.10 W/m.K [ $\lambda_{10,0}$	ry unit, ƏZJ	Thermal conductivity:	-	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw: NPD		Durability against freeze-th	naw:	NPD	
Dangerous Substances: See Note		Dangerous Substances:		See Note	

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	of Performance JK/TH/6300988	
The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
Confi	irms that:	
	Turbo 12	
Conforms to the Harmonised European Standard: BS EN 771-4:2011		
Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units		
	andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
category:	GPLM (unless stated otherwise on the delivery ticke Solid	
	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
loisture Movement:	Nominal 0.40 mm/m	
Fixed value:	0.15 N/mm <sup>2</sup>	
	NPD	
	Euroclass A1	
	NPD	
cient: Fixed Value:	5/10	
ion: Gross density:	470 ka/m <sup>3</sup>	
Configuration:	As above	
	0.10 W/m.K [ $\lambda_{10,dry unit}$ , S2]	
<b>/</b> :	NPD	
	See Note	
ous su ZA3 d	ubstances will 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	F				of Performance UK/TH/6300995
				The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN 771-4:2011					Con	firms that:
	1	Furbo 12				Turbo 12
Category II, 4	140 x 150 x 215 mm au	toclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: BS EN 771-4:2011		
Dimensions: 440 (mm) x 1	50 (mm) x 215 (mm)			Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units		
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:		
Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticker Solid
Dimension Stability: Shear Bond Strength:	Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
J. J	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	Moisture Movement:	Nominal 0.40 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:	officient .	NPD		Reaction to fire:		NPD Euroclass A1
Water vapour diffusion co	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound ins	ulation:			Water vapour diffusion co	efficient:	··· -
	Gross density:	470 kg/m <sup>3</sup>		Direct airborne sound insu	Fixed Value:	5/10
	Configuration:	As Above			Gross density:	
Thermal conductivity:		$0.10 \text{ W/m.K} [\lambda_{10,dry unit}, S2]$		Thermal conductivity:	Configuration:	As above 0.10 W/m.Κ [λ <sub>10.drv unit.</sub> S2]
Durability against freeze-	thaw:	NPD		Durability against freeze-th	naw:	
Dangerous Substances:		See Note				
Note: Information on Dan appropriate form. See An		vill only be given when and where required in the		Dangerous Substances: Note: Information on Dang appropriate form. See Ann	erous substances wil	See Note I 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	F				of Performance UK/TH/6301018
				The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			_	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
	BS EN	771-4:2011			Cor	firms that:
	1	urbo 12				Turbo 12
Category II, 440 x 19	0 x 215 mm au	toclaved aerated concrete masonry units		Conforms	to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 190 (mm	) x 215 (mm)			Category II, 4	40 x 190 x 215 mm, a	utoclaved aerated concrete masonry units
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:		
Compressive strength:		Mean 2.90 $\textrm{N/mm}^{\textrm{2}}$ [ $\scriptstyle \perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	
	e Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid 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 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	
Water Absorption:		NPD		Reaction to fire:		NPD
Water vapour diffusion coefficier	n <b>t :</b> Fixed Value:	5/10				Euroclass A1
Direct airborne sound insulation:		5/10		Water absorption:		NPD
G	ross density:	470 kg/m <sup>3</sup>		Water vapour diffusion co	Fixed Value:	5/10
C	onfiguration:	As Above		Direct airborne sound insu	lation: 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				$0.10 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$
Dangerous Substances:		See Note		Durability against freeze-th	iaw:	NPD
	ote: Information on Dangerous substances will only be given when and where required in the			Dangerous Substances:		See Note Il only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	F				of Performance
				The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			4	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
	BS EN	771-4:2011			Cor	nfirms that:
Turbo 12						Turbo 12
Category II, 4	40 x 200 x 215 mm au	toclaved aerated concrete masonry units		Conforms	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 2	200 (mm) x 215 (mm)			Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		tandard: Annex ZA of BS EN 771-4:2011, System 4 legulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		<b>X</b>
Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category	GPLM (unless stated otherwise on the delivery ticket) Solid
	Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid 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	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	
Water Absorption:		NPD		Reaction to fire:		NPD
Water vapour diffusion co		5/40				Euroclass A1
Direct airborne sound ins	Fixed Value:	5/10		Water absorption:		NPD
	Gross density:	470 kg/m <sup>3</sup>		Water vapour diffusion co	Fixed Value:	5/10
	Configuration:	As Above		Direct airborne sound insu	Ilation: 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-t	thaw:	NPD		2		0.10 W/m.K [λ <sub>10,dry unit,</sub> S2]
Dangerous Substances:		See Note		Durability against freeze-th	law:	NPD
				Dangerous Substances:	araus aukatang ····	See Note ill only be given when and where required in the
Note: Information on Dan appropriate form. See An		vill only be given when and where required in the 1-4:2011.	J	appropriate form. See Ann		

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	F			of Performance
				The undersigned, I	representing the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
	BS EN	771-4:2011		Cor	nfirms that:
	T	urbo 12			Turbo 12
Category II, 440 x 2	215 x 215 mm au	toclaved aerated concrete masonry units	Conforms	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
<b>Dimensions:</b> 440 (mm) x 215 (m			Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		tandard: Annex ZA of BS EN 771-4:2011, System 4 tegulation (EU): 305/2011
Configuration:		Solid	Dimensional tolerances:		
Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category	
	ure Movement:	Nominal 0.40 mm/m	Compressive strength:		Solid 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 0.40 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	
Water Absorption:		NPD	Reaction to fire:		NPD
Water vapour diffusion coeffici	i <b>ent :</b> Fixed Value:	5/10			Euroclass A1
Direct airborne sound insulatio		5/10	Water absorption:		NPD
	Gross density:	470 kg/m <sup>3</sup>	Water vapour diffusion co	Fixed Value:	5/10
	Configuration:	As Above	Direct airborne sound insu	Ilation: Gross density	
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-th	2.00	$0.10 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$
Dangerous Substances:		See Note		1a w.	NPD
			Dangerous Substances: Note: Information on Dang	arous substances w	See Note ill only be given when and where required in the
appropriate form. See Annex Z		rill only be given when and where required in the 1-4:2011.	appropriate form. See Ann		

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



			-			REIDELBERGCEMENT Group
	Hanson Hou	ding Products Ltd se, 14 Castle Hill,			DOP/HAN The undersigned, I Hanson Bu	of Performance NUK/TH/6301039 representing the following: ilding Products Ltd use, 14 Castle Hill,
		denhead, L6 4JJ			Ma	aidenhead,
	50 51					SL6 4JJ
	BS EN	771-4:2011			Cor	nfirms that:
	ſ	Гurbo 12				Turbo 12
Category II, 4	140 x 265 x 215 mm au	toclaved aerated concrete masonry units		Conforms	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 2	265 (mm) x 215 (mm)			Category II, 440 x 265 x 215 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		tandard: 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 <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category	<ul> <li>GPLM (unless stated otherwise on the delivery ticket) Solid</li> </ul>
Dimension Stability: Shear Bond Strength:	Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
onear Dona orrengin.	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:		
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	
Water Absorption:		NPD		Ū		NPD
Water vapour diffusion co				Reaction to fire:		Euroclass A1
Direct airborne sound ins	Fixed Value:	5/10		Water absorption:		NPD
Direct and othe sound ins	Gross density:	470 kg/m <sup>3</sup>		Water vapour diffusion co	Fixed Value:	: 5/10
	Configuration:	As Above		Direct airborne sound insu	Gross density	
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-th	aw.	0.10 W/m.K [ $\lambda_{10,dry unit}$ , S2]
Dangerous Substances:		See Note		, -		NPD
Nata Information				Dangerous Substances: Note: Information on Dang	erous substances w	See Note ill only be given when and where required in the
Note: Information on Dan appropriate form. See An		vill only be given when and where required in the 1-4:2011.		appropriate form. See Ann		
			-			

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



						<b>HEIDELBERG</b> CE/MEINT Group
	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Declaration of Performance DOP/HANUK/TH/6301046 The undersigned, representing the following: Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maldenhead, SI 6 4 U		
					S	SL6 4JJ
	BS EN	771-4:2011			Cor	nfirms that:
	I	Turbo 12				Turbo 12
Category II, 4	40 x 300 x 215 mm au	toclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: BS EN 771-4:2011		
Dimensions: 440 (mm) x 3	300 (mm) x 215 (mm)		Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry			autoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		tandard: Annex ZA of BS EN 771-4:2011, System 4 tegulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	
Dimension Stability: Shear Bond Strength:	Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	Moisture Movement:	Nominal 0.40 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: Water vapour diffusion co	pefficient :	NPD		Reaction to fire:		Euroclass A1
	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound ins	ulation:			Water vapour diffusion co	efficient:	
	Gross density:	470 kg/m <sup>3</sup>		Direct airborne sound insu	Fixed Value:	5/10
	Configuration:			Direct an borne sound inst	Gross density:	
Thermal conductivity:		0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration:	: As above 0.10 W/m.Κ [λ <sub>10.drv unit.</sub> S2]
Durability against freeze-t	thaw:	NPD		Durability against freeze-th	naw:	•
Dangerous Substances:		See Note				
	e: Information on Dangerous substances will only be given when and where required in the ropriate form. See Annex ZA3 of BS EN 771-4:2011.				ill only be given when and where required in the	

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



		<b>1</b> 1			HEIDELBERGCEMENIGrou
C	F				f Performance K/TH/6301275
		The undersigned, representing the following:			
Hanson Buil Hanson Hou Maic S		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
BS EN	771-4:2011			-	rms that:
Large F	ormat Turbo 12				prmat Turbo 12
Category II, 440 x 100 x 430 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 430 (mm)			Category II, 4	140 x 100 x 430 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Dimension Stability:			5		Solid
Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m		Compressive strength:		Mean 2.90 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Fixed value:			Dimensional stability:	Moisture Movement:	Nominal 0.40 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:		
Water vapour diffusion coefficient : Fixed Value:	5/10				Euroclass A1
Direct airborne sound insulation:	3/10		Water absorption:		NPD
Gross density:	470 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
Configuration:	5		Direct airborne sound insu	lation:	
Thermal conductivity:	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]			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		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 1-4:2011.		Note: Information on Dang appropriate form. See Ann	erous substances will ex 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



ticket)

	(	F		'		of Performance
					The undersigned	, representing the following:
	Hanson Hou Maio	ding Products Ltd se, 14 Castle Hill, Jenhead, L6 4JJ	-		Hanson H	Building Products Ltd louse, 14 Castle Hill, faidenhead, SL6 4JJ
	BS EN	771-4:2011			C	onfirms that:
	Large F	ormat Turbo 12			Larg	e Format Turbo 12
Category II, 44	40 x 115 x 430 mm au	toclaved aerated concrete masonry units		Conforms	s to the Harmonised	European Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 11	15 (mm) x 430 (mm)			Category II, 4	40 x 115 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:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 2.90 $\text{N/mm}^2$ [ $\!\!\!\perp$ bed face, whole unit]. [Cat II]		Configuration:	catego	<li>gPLM (unless stated otherwise on the delivery ticket Solid</li>
	Noisture Movement:	Nominal 0.40 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 Moveme	nt: Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value	
Water Absorption:		NPD		-		NPD
Vater vapour diffusion co				Reaction to fire:		Euroclass A1
Direct airborne sound insu	Fixed Value:	5/10		Water absorption:		NPD
virect airporne sound INSU		470 h = /= 3		Water vapour diffusion coe		5/40
	Gross density:	470 kg/m <sup>3</sup>		Direct airborne sound insu		
	Configuration:	As Above			Gross densi Configuratio	
Thermal conductivity:		0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Comgulatio	0.10 W/m.K [λ <sub>10,dry unit</sub> , S2]
rability against freeze-th	haw:	NPD		Durability against freeze-th	naw:	NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note

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

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	E			of Performance
			The undersigned,	representing the following:	
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		buse, 14 Castle Hill, aidenhead,	
	BS EN	771-4:2011		Co	nfirms that:
	s	Shield 12			Shield 12
Category II, 440 x	50 x 215 mm au	toclaved aerated concrete masonry units	Conform	s to the Harmonised E	European Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 50 (mr	m) x 215 (mm)		Category II,	440 x 50 x 215 mm,	autoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration:		Solid	Dimensional tolerances:		
Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category	<ul> <li>GPLM (unless stated otherwise on the delivery ticket) Solid</li> </ul>
	ure Movement:	Nominal 0.40 mm/m	Compressive strength:		Mean 3.60 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:	Moisture Movemen	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value	
Water Absorption:		NPD	-		NPD
Water vapour diffusion coeffic			Reaction to fire:		Euroclass A1
Direct airborne sound insulation	Fixed Value:	5/10	Water absorption:		NPD
	Gross density:	600 kg/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value	e: 5/10
	Configuration:	·	Direct airborne sound insu		
Thermal conductivity:	0	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	<b>-</b>	Configuration	
Durability against freeze-thaw:	:	NPD	Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
Dangerous Substances:	-	See Note	Durability against freeze-th	naw:	NPD
2			Dangerous Substances:		See Note
Note: Information on Dangerou appropriate form. See Annex Z		vill only be given when and where required in the 1-4:2011.	Note: Information on Dang appropriate form. See Ann	ex ZA3 of BS EN 77	

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

Signed on behalf of the manufacturer:

Position: Quality Manager



(	E				of Performance NUK/TH/6300728
				The undersigned	representing the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		buse, 14 Castle Hill, aidenhead,
BSEM	l 771-4:2011			C	onfirms that:
	Shield 12				Shield 12
Category II, 440 x 75 x 215 mm at	toclaved aerated concrete masonry units		Conforms	s to the Harmonised	European Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 75 (mm) x 215 (mm)			Category II,	440 x 75 x 215 mm,	autoclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 3.60 $\text{N/mm}^2$ [ $\!\!\!\perp$ bed face, whole unit]. [Cat II]		Configuration:	categor	<ul> <li>GPLM (unless stated otherwise on the delivery ticket) Solid</li> </ul>
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Soliu Mean 3.60 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:	Moisture Movemer	t: Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value	
Water Absorption:	NPD		-		NPD
Water vapour diffusion coefficient :			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 coe	efficient: Fixed Value	e: 5/10
Configuration:	As Above		Direct airborne sound insu	lation:	
Thermal conductivity:				Gross densit Configuration	
•	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2] NPD		Thermal conductivity:	·	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:			Durability against freeze-th	naw:	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.	J	Note: Information on Dang appropriate form. See Ann		vill only be given when and where required in the 1-4:2011.

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 latherez Full name: Carl Cuthbert

Position: Quality Manager



(	E			of Performance NUK/TH/6300735
			The undersigned	representing the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		ouse, 14 Castle Hill, laidenhead,
BS E	N 771-4:2011		C	onfirms that:
	Shield 12			Shield 12
Category II, 440 x 90 x 215 mm a	utoclaved aerated concrete masonry units	Conforms	s to the Harmonised	European Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 90 (mm) x 215 (mm)		Category II,	440 x 90 x 215 mm,	autoclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	categor	<li>gPLM (unless stated otherwise on the delivery ticket) Solid</li>
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m	Compressive strength:		Soliu Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		inean 3.00 m/mm [± bed lace, whole dhit]. [Cat ii]
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movemer	t: Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value	e: 0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	-		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
Gross density:	600 ka/m <sup>3</sup>	Water vapour diffusion coe	efficient: Fixed Value	e: 5/10
,	5	Direct airborne sound insu	lation:	
Configuration:			Gross densit Configuration	
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	5	0.13 W/m.K [λ <sub>10,dry unit</sub> , 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 appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.			will only be given when and where required in the 1-4:2011.

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. As la latherez

Signed on behalf of the manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager



(	E			of Performance	
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EI	N 771-4:2011		Cont	ïrms that:	
	Shield 12		5	Shield 12	
Category II, 440 x 100 x 215 mm a	autoclaved aerated concrete masonry units	Cor	forms to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 100 (mm) x 215 (mm)		Categor	/II, 440 x 100 x 215 mm, a	utoclaved aerated concrete masonry units	
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery	Provision to whic		andard: Annex ZA of BS EN 771-4:2011, System 4 egulation (EU): 305/2011	
Configuration:	Solid	Dimensional tolerance	es:		
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m	Compressive strengt	1:	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 0.40 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Streng	Fixed value:		
Water Absorption:	NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient : Fixed Value:	5/10			Euroclass A1	
Direct airborne sound insulation:	5,10	Water absorption:		NPD	
Gross density:	600 kg/m <sup>3</sup>	Water vapour diffusio	Fixed Value:	5/10	
Configuration:	As Above	Direct airborne sound	I insulation: Gross density:		
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 free		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Dangerous Substances:	See Note			NPD	
	will only be given when and where required in the	Dangerous Substance		See Note I only be given when and where required in the	

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	ΞE			DOP/HAN	of Performance JK/TH/6300766
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		-		Hanson Hou Maio	ding Products Ltd se, 14 Castle Hill, denhead, L6 4JJ
BS E	N 771-4:2011			Conf	irms that:
	Shield 12			s	Shield 12
Category II, 440 x 115 x 215 mm	autoclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 115 (mm) x 215 (mm	)		Category II, 440 x 115 x 215 mm, autoclaved aerated concrete masonry units		
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:		
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)
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid
Shear Bond Strength:					Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup> NPD		Dimensional stability:	Moisture Movement:	Nominal 0.40 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:		
Water vapour diffusion coefficient : Fixed Value:	5/10		Water absorption:		Euroclass A1
Direct airborne sound insulation:					NPD
Gross density:	600 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
Configuration	As Above		Direct airborne sound inst	ulation: Gross density:	600 ka/m <sup>3</sup>
Thermal conductivity:	0.13 W/m.K [λ <sub>10,drv unit</sub> , S2]		<b>-</b>	Configuration:	0
Durability against freeze-thaw:	NPD		Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note		Durability against freeze-t	haw:	NPD
Dange, cas Gubstanocs.			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	Note: Information on Dang appropriate form. See Ann		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 installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	CE			of Performance JK/TH/6300773	
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
	BS EN 771-4:2011		Confi	irms that:	
	Shield 12		S	hield 12	
Category II, 440 x 125 x 21	5 mm autoclaved aerated concrete masonry units	Conform	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 125 (mm) x 21	5 (mm)	Category II,	440 x 125 x 215 mm,au	utoclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery tegory: ticket)	Provision to which the	product conforms: Sta Re	ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
Configuration:	Solid	Dimensional tolerances:			
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)	
Dimension Stability: Moisture Mov	ement: Nominal 0.40 mm/m	Compressive strength:		Solid	
Shear Bond Strength:				Mean 3.60 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]	
Fixed Flexural Bond Strength:	l value: 0.15 N/mm <sup>2</sup> NPD	Dimensional stability:	Moisture Movement:	Nominal 0.40 mm/m	
-		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:			
Direct airborne sound insulation:		Water vapour diffusion co	officient	NPD	
Gross d	density: 600 kg/m <sup>3</sup>		Fixed Value:	5/10	
Configu	uration: As Above	Direct airborne sound inst	ulation: 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		h	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Dangerous Substances:	See Note	Durability against freeze-t	naw:	NPD	
		Dangerous Substances:		See Note only be given when and where required in the	

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	E				of Performance JK/TH/6300780
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		-	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	N 771-4:2011			Conf	irms that:
	Shield 12			s	hield 12
Category II, 440 x 140 x 215 mm a	utoclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 140 (mm) x 215 (mm)			Category II,	440 x 140 x 215 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 3.60 $\text{N/mm}^2$ [ $\!\!\!\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.40 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 0.40 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD		-		NPD
Water vapour diffusion coefficient :			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 co	efficient: Fixed Value:	5/10
Configuration:	·		Direct airborne sound inst	ulation:	
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]			Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Durability against freeze-thaw:	0.13 W/II.R [A10,dry unit, 32]		Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
			Durability against freeze-t	haw:	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 Dang appropriate form. See Ann		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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	C E			of Performance JK/TH/6300803
		The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Hou Maio	ding Products Ltd se, 14 Castle Hill, Jenhead, L6 4JJ
BSI	N 771-4:2011		Conf	irms that:
	Shield 12		s	Shield 12
Category II, 440 x 150 x 215 mm	autoclaved aerated concrete masonry units	Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 150 (mm) x 215 (mm		Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances:	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:		
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)
Dimension Stability:		-		Solid
Moisture Movement Shear Bond Strength:	: Nominal 0.40 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Fixed value		Dimensional stability:	Moisture Movement:	Nominal 0.40 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:		
Water vapour diffusion coefficient : Fixed Value	: 5/10			Euroclass A1
Direct airborne sound insulation:		Water absorption:		NPD
Gross density	: 600 kg/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value:	5/10
Configuration	J. J	Direct airborne sound insu	ulation:	
Thermal conductivity:	0.13 W/m.K [λ <sub>10.dry unit</sub> , S2]		Gross density: Configuration:	As above
Durability against freeze-thaw:	NPD	Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
		Durability against freeze-t	haw:	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 Dang appropriate form. See Ann		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 installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	<b>L</b> Hanson Building Products Ltd			DOP/HAN	Df Performance UK/TH/6300810 epresenting the following:
Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, denhead,	
	BS EN	771-4:2011		Cont	firms that:
	s	hield 12		s	Shield 12
Category II, 440	) x 190 x 215 mm au	toclaved aerated concrete masonry units	Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 190	) (mm) x 215 (mm)		Category II, 4	140 x 190 x 215 mm, a	utoclaved aerated concrete masonry units
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:		
Compressive strength:		Mean 3.60 $\text{N/mm}^2$ [ $\!\!\!\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Mo Shear Bond Strength:	bisture Movement:	Nominal 0.40 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup> NPD	Dimensional stability:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1	Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption: Water vapour diffusion coef	ficient :	NPD	Reaction to fire:		NPD Euroclass A1
	Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insula	ation:		Water vapour diffusion co	efficient:	
	Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound insu	Fixed Value:	5/10
	Configuration:	As Above		Gross density: Configuration:	
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductivity:	Comgutation.	0.13 W/m.K [λ <sub>10.drv unit.</sub> S2]
Durability against freeze-tha	aw:	NPD	Durability against freeze-tl	haw:	NPD
Dangerous Substances:		See Note	Dangerous Substances:		NPD See Note
Note: Information on Dange appropriate form. See Anne.		ill only be given when and where required in the -4:2011.			I only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	C E			of Performance	
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BSE	N 771-4:2011		Con	firms that:	
	Shield 12		:	Shield 12	
Category II, 440 x 200 x 215 mm	autoclaved aerated concrete masonry units		Conforms to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 200 (mm) x 215 (mm	)	Cate	Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances: category	GPLM (unless stated otherwise on the delivery	Provision to w		andard: Annex ZA of BS EN 771-4:2011, System 4 equiation (EU): 305/2011	
Configuration:	Solid	Dimensional tolera	inces:		
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:		
Dimension Stability:		с С		Solid	
Moisture Movement Shear Bond Strength:	Nominal 0.40 mm/m	Compressive strer	igth:	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Fixed value	0.15 N/mm <sup>2</sup>	Dimensional stabil	ity: Moisture Movement:	Nominal 0.40 mm/m	
Flexural Bond Strength:	NPD	Shear Bond streng	th:		
Reaction to fire:	Euroclass A1	Flexural Bond Stre		0.15 N/mm <sup>2</sup>	
Water Absorption:	NPD			NPD	
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1	
Fixed Value	5/10	Water absorption:		NPD	
Direct airborne sound insulation:	2	Water vapour diffu			
Gross density	600 kg/m <sup>3</sup>	Direct airborne so	Fixed Value:	5/10	
Configuration	As Above		Gross density:		
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]	Thermal conductiv	Configuration: ity:	As above 0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	NPD	Durability against	ireeze-thaw <sup>.</sup>		
Dangerous Substances:	See Note			NPD	
Note: Information on Dangerous substances	will only be given when and where required in the			See Note I only be given when and where required in the	

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	( E			of Performance JK/TH/6301268
		The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Hou Maio	ding Products Ltd se, 14 Castle Hill, Jenhead, L6 4JJ
BS	EN 771-4:2011		Conf	irms that:
	Shield 12		s	Shield 12
Category II, 440 x 100 x 140 m	n autoclaved aerated concrete masonry units	Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 140 (m	m)	Category II, 440 x 100 x 140 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances: catego	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:		
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)
Dimension Stability: Moisture Moveme	nt: Nominal 0.40 mm/m	Compressive strength:		Solid Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value	e: 0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	5		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Valu	e: 5/10	Water absorption:		NPD
		Water vapour diffusion co		5/40
Gross densi	, ,	Direct airborne sound insu		5/10
Configuratio			Gross density: Configuration:	600 kg/m³ 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-t	haw:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		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 771-4:2011.	, v		l only be given when and where required in the

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

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	C E			of Performance UK/TH/6301381
			The undersigned, re	presenting the following:
Hanson H	uilding Products Ltd ouse, 14 Castle Hill, aidenhead, SL6 4JJ	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BSI	N 771-4:2011		Con	firms that:
	Shield 12		:	Shield 12
Category II, 440 x 115 x 140 mm	autoclaved aerated concrete masonry units	Conforms	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 115 (mm) x 140 (mm	)	Category II, 4	140 x 115 x 140 mm,a	utoclaved aerated concrete masonry units
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 equiation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
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)
Dimension Stability: Moisture Movement	: Nominal 0.40 mm/m	Compressive strength:		Solid
Shear Bond Strength:				Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
Fixed value	: 0.15 N/mm <sup>2</sup> NPD	Dimensional stability:	Moisture Movement:	Nominal 0.40 mm/m
Flexural Bond Strength:		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 co	efficient:	
Gross density	: 600 kg/m <sup>3</sup>	-	Fixed Value:	5/10
Configuration	As Above	Direct airborne sound insu	Gross density:	
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-th	224/-	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note		1aw.	NPD
		Dangerous Substances:	orous substances!!	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	s will only be given when and where required in the 771-4:2011.	appropriate form. See Ann	ex 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	<b>(</b>			DOP/HAN	of Performance JK/TH/6301428
Hanson B	uilding Products Ltd			The undersigned, re	presenting the following:
Hanson H	ouse, 14 Castle Hill, laidenhead,			Hanson Hou	ding Products Ltd se, 14 Castle Hill, denteed
	SL6 4JJ	-			denhead, L6 4JJ
BSI	EN 771-4:2011			Conf	irms that:
	Shield 12			s	Shield 12
Category II, 440 x 100 x 240 mm	autoclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 240 (mm)			Category II,	440 x 100 x 240 mm, a	utoclaved aerated concrete masonry units
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:		
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)
Dimension Stability:			Compressive strength:		Solid
Moisture Movement Shear Bond Strength:	: Nominal 0.40 mm/m		Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Fixed value			Dimensional stability:	Moisture Movement:	Nominal 0.40 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:		2
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				Euroclass A1
Direct airborne sound insulation:			Water absorption:		NPD
Gross density	: 600 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
Configuration	0		Direct airborne sound inst	ulation:	
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]			Gross density: Configuration:	0
Durability against freeze-thaw:	NPD		Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
			Durability against freeze-t	haw:	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 Dang appropriate form. See Ann		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 installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



		1			HEIDELBERGCEMENIGrou
(	F				f Performance K/TH/6301398
			The undersigned, representing the following:		
Hanson Hou: Maio	ding Products Ltd se, 14 Castle Hill, Jenhead, L6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011			Confi	rms that:
Large Fo	ormat Shield 12				rmat Shield 12
Category II, 440 x 100 x 430 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 430 (mm)			Category II, 4	140 x 100 x 430 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
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)
Dimension Stability:			5		Solid
Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m		Compressive strength:		Mean 3.60 $\text{N/mm}^2$ [ $_{\perp}$ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:		
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD		_		NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion co	efficient:	
Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insu	Fixed Value:	5/10
Configuration:	As Above		Direct an Dorne Soulia liist	Gross density:	600 kg/m <sup>3</sup>
Thermal conductivity:	$0.13 \text{ W/m.K} [\lambda_{10,dry unit}, S2]$		Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	NPD		-		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note		Durability against freeze-tl	law:	NPD
			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 1-4:2011.	J	Note: Information on Dang appropriate form. See Ann	erous substances will ex 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



		<b>1</b> I			HEIDELBERGCEMENTGrou
C	F				f Performance K/TH/6301404
			The undersigned, representing the following:		
Hanson Hou Mai	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011			Confi	rms that:
Large F	ormat Shield 12			Large Fo	rmat Shield 12
Category II, 440 x 115 x 430 mm at	utoclaved aerated concrete masonry units		Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 115 (mm) x 430 (mm)			Category II, 4	40 x 115 x 430 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
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)
Dimension Stability:			5		Solid
Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m		Compressive strength:		Mean 3.60 N/mm $^2$ [ $_{\perp}$ bed face, whole unit]. [Cat II]
Fixed value:			Dimensional stability:	Moisture Movement:	Nominal 0.40 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>
Water Absorption:	NPD		Reaction to fire:		NPD
Water vapour diffusion coefficient :			Reaction to me.		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD
	$coo ka/m^3$		Water vapour diffusion co		5/40
Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insu		5/10
Configuration:				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-tl	naw:	
Dangerous Substances:	See Note				NPD See Note
Note: Information on Dangerous substances v	vill only be given when and where required in the		Dangerous Substances: Note: Information on Dang	erous substances will	only be given when and where required in the
appropriate form. See Annex ZA3 of BS EN 77			appropriate form. See Ann	ex 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	F			of Performance JK/TH/6301442
		The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011		Confi	irms that:
Large F	ormat Shield 12		Large Fo	ormat Shield 12
Category II, 440 x 125 x 430 mm at	toclaved aerated concrete masonry units	Conforms to the Harmonised European Standard: BS EN 771-4:2011		
Dimensions: 440 (mm) x 125 (mm) x 430 (mm)		Category II, 4	440 x 125 x 430 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 3.60 $\textrm{N/mm}^{2}$ [ $\scriptstyle \perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.40 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:		Mean 3.60 N/mm [ $\pm$ bed race, whole unit]. [Cat ii]
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	C C	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	Flexural Bond Strength:		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion co		- // 2
Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound insu	Fixed Value: Ilation:	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:	Connguration.	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-th	haw:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		NPD 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			only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	<b>F</b>			of Performance JK/TH/6301411	
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011		Conf	irms that:	
Large F	ormat Shield 12		Large Fo	ormat Shield 12	
Category II, 440 x 140 x 430 mm at	utoclaved aerated concrete masonry units	Confor	ms to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 140 (mm) x 430 (mm)		Category II	, 440 x 140 x 430 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
Configuration:	Solid	Dimensional tolerances:			
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: Moisture Movement:	Nominal 0.40 mm/m	Compressive strength:		Solid	
Shear Bond Strength:				Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Fixed value: Flexural Bond Strength:	0.15 N/mm <sup>2</sup> NPD	Dimensional stability:	Moisture Movement:	Nominal 0.40 mm/m	
-		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:			
Direct airborne sound insulation:			acticiant	NPD	
Gross density:	600 kg/m <sup>3</sup>	Water vapour diffusion o	Fixed Value:	5/10	
Configuration:	As Above	Direct airborne sound in	sulation: 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			0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Dangerous Substances:	See Note	Durability against freeze	-thaw:	NPD	
•		Dangerous Substances:		See Note only be given when and where required in the	

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



		1 1				
CE			Declaration of Performance DOP/HANUK/TH/6301534			
			The undersigned, representing the following:			
Hanson Hous Maio	ding Products Ltd se, 14 Castle Hill, Jenhead, L6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
BS EN	771-4:2011			Confi	rms that:	
Large Fo	ormat Shield 12				rmat Shield 12	
Category II, 440 x 200 x 430 mm au	toclaved aerated concrete masonry units		Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 200 (mm) x 430 (mm)			Category II, 4	40 x 200 x 430 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
Configuration:	Solid		Dimensional tolerances:		× · · · · ·	
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)	
Dimension Stability:			-		Solid	
Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m		Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Fixed value:			Dimensional stability:	Moisture Movement:	Nominal 0.40 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:		NPD	
Water vapour diffusion coefficient :	5/40				Euroclass A1	
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD	
	600 kg/m <sup>3</sup>		Water vapour diffusion co		5/40	
Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insu		5/10	
0	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:	Conniguration.	0.13 W/m.K [λ <sub>10.drv unit.</sub> S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-th	iaw:	NPD	
Dangerous Substances:	See Note		Dangerous Substances:		See Note	
Note: Information on Dangerous substances w appropriate form. See Annex ZA3 of BS EN 77	ill only be given when and where required in the I-4:2011.				only be given when and where required in the	

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



		1			HEIDELBERGCEMEN I Grou
(	F				f Performance K/TH/6301435
			The undersigned, representing the following:		
Hanson Hou Mai	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011			Confi	rms that:
Large F	ormat Shield 12			Large Fo	rmat Shield 12
Category II, 540 x 100 x 440 mm at	toclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: BS EN 771-4:2011		
Dimensions: 540 (mm) x 100 (mm) x 440 (mm)			Category II, 5	540 x 100 x 440 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the	product conforms: Sta Re	ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 3.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		
Shear Bond Strength: Fixed value:	$0.15 \mathrm{N/mm^2}$		Dimensional stability:		Mean 3.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1		C C	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 Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:	2		Water vapour diffusion co		
Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insu	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:	Configuration.	0.13 W/m.K [λ <sub>10,dry unit</sub> , 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.				only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



		<b>,</b> ,			HEIDELBERGCE/MENT Group
(	E				of Performance IUK/TH/6300599
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011			Co	firms that:
Pa	rty Wall 12			P	arty Wall 12
Category II, 440 x 100 x 215 mm a	utoclaved aerated concrete masonry units		Conforms	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 215 (mm)			Category II, 4	140 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		tandard: Annex ZA of BS EN 771-4:2011, System 4 egulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	category	
Dimension Stability:			-		Solid
Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m		Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:	Moisture Movement	Nominal 0.40 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:		
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value	
Water Absorption:	NPD		C C		NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:	2		Water vapour diffusion coe		
Gross density:	660 kg/m <sup>3</sup>		Direct airborne sound insu	Fixed Value	5/10
Configuration:	As Above			Gross density	
Thermal conductivity:	0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Configuration	
Durability against freeze-thaw:	NPD		Durability against freeze-th	naw.	$0.14 \text{ W/m.K} [\lambda_{10,dry unit,} S2]$
Dangerous Substances:	See Note				NPD
			Dangerous Substances:	orouo oubotonece	See Note ill only be given when and where required in the
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	J	appropriate form. See Ann		

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	F				of Performance UK/TH/6300605
				The undersigned, r	epresenting the following:	
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		_	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
	BS EN	771-4:2011			Con	firms that:
	Pa	rty Wall 12			Pa	rty Wall 12
Category II, 440	x 215 x 215 mm au	toclaved aerated concrete masonry units		Conforms	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 215	(mm) x 215 (mm)			Category II, 4	40 x 215 x 215 mm, a	utoclaved aerated concrete masonry units
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 equlation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 4.00 $\text{N/mm}^2$ [ $\!\!\!\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket Solid
	bisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid Mean 4.00 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 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	
Water Absorption:		NPD		Reaction to fire:		NPD
Water vapour diffusion coef		5/40				Euroclass A1
Direct airborne sound insula	Fixed Value:	5/10		Water absorption:		NPD
	Gross density:	660 kg/m <sup>3</sup>		Water vapour diffusion co	Fixed Value:	5/10
	Configuration:	As Above		Direct airborne sound insu	Ilation: 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:	
Durability against freeze-tha	iw:	NPD		-		0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:		See Note		Durability against freeze-th	iaw:	NPD
		ill only be given when and where required in the		Dangerous Substances:		See Note Il only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	F				of Performance JK/TH/6301213
				presenting the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		-	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
	BS EN	771-4:2011			Conf	irms that:
	Large For	mat Party Wall 12			Large For	nat Party Wall 12
Category II, 440 x 100	x 430 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm)	x 430 (mm)			Category II,	440 x 100 x 430 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery tion Solid
	Movement:	Nominal 0.40 mm/m		Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II
Shear Bond Strength: F	ixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:		
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:		NPD		6		NPD
Water vapour diffusion coefficient				Reaction to fire:		Euroclass A1
F Direct airborne sound insulation:	ixed Value:	5/10		Water absorption:		NPD
		200 L / <sup>3</sup>		Water vapour diffusion co		5/40
	oss density:	660 kg/m <sup>3</sup>		Direct airborne sound ins		5/10
	nfiguration:				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:	comgutation.	0.14 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:		NPD See Note
Note: Information on Dangerous s	ubstances w	ill only be given when and where required in the		¥		only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	E			of Performance
				The undersigned,	representing the following:
	Hanson Hou Maio	ding Products Ltd se, 14 Castle Hill, denhead, L6 4JJ		Hanson Ho M	uilding Products Ltd buse, 14 Castle Hill, aidenhead, SL6 4JJ
	BS EN	771-4:2011		Cc	nfirms that:
Flooring Slip 12			Flooring Slip 12		
Category II, 215	5 x 100 x 40 mm aut	toclaved aerated concrete masonry units	Conforms	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 100	(mm) x 40 (mm)		Category II,	215 x 100 x 40 mm,	autoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		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> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category	<ul> <li>GPLM (unless stated otherwise on the delivery ticket) Solid</li> </ul>
	isture Movement:	Nominal 0.40 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>	Dimensional stability:		
Flexural Bond Strength:		NPD	Shear Bond strength:	Moisture Movemen	:: Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value	: 0.15 N/mm <sup>2</sup>
Water Absorption:		NPD	Ū.		NPD
Water vapour diffusion coef			Reaction to fire:		Euroclass A1
	Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insula			Water vapour diffusion coe		- // 0
	,	0	Direct airborne sound insu	Fixed Value	: 5/10
	Configuration:	As Above		Gross density Configuration	
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-tha	w:	NPD	Durability against freeze-th	naw:	NPD
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.	, v		ill only be given when and where required in the

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

Signed on behalf of the manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager



	(	6			of Performance
				The undersigned,	representing the following:
	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Ho Ma	uilding Products Ltd buse, 14 Castle Hill, aidenhead, SL6 4JJ
	BS EN	771-4:2011		Co	nfirms that:
Flooring Slip 12				Fic	poring Slip 12
Category II, 215	x 100 x 65 mm aut	oclaved aerated concrete masonry units	Conforms	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 100 (r	mm) x 65 (mm)		Category II, 2	215 x 100 x 65 mm, a	autoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		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> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category	<ul> <li>GPLM (unless stated otherwise on the delivery ticket) Solid</li> </ul>
	ture Movement:	Nominal 0.40 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 0.40 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value	
Water Absorption:		NPD	Ū		NPD
Water vapour diffusion coeffic			Reaction to fire:		Euroclass A1
Direct airborne sound insulati	Fixed Value:	5/10	Water absorption:		NPD
Direct all borne sound insulati		700 4-7/2 3	Water vapour diffusion coe		5/40
	,	730 kg/m <sup>3</sup>	Direct airborne sound insu		
	Configuration:	As Above		Gross density Configuration	
Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	2.5	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw	:	NPD	Durability against freeze-th	naw:	NPD
Dangerous Substances:		See Note	Dangerous Substances:		See Note
Note: Information on Dangero appropriate form. See Annex 2		vill only be given when and where required in the 1-4:2011.	8		ill only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la latherez Full name: Carl Cuthbert

Position: Quality Manager



	C	E			DOP/HANU	of Performance JK/TH/6301343 presenting the following:
	Hanson Buil	ding Products Ltd			<b>.</b>	
	Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
	BS EN	771-4:2011			Conf	irms that:
Floor End Block 12				Floor End Block 12		
Category II, 4	440 x 150 x 140 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 150 (mm) x 140 (mm)				Category II, 4	440 x 150 x 140 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability:	Moisture Movement:	Nominal 0.40 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 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:		NPD		-		NPD
Water vapour diffusion co				Reaction to fire:		Euroclass A1
Direct airborne sound ins	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound ins		700 1-5/3		Water vapour diffusion co		5/40
	Gross density:	730 kg/m <sup>3</sup>		Direct airborne sound insu		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.011	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-	thaw:	NPD		Durability against freeze-th	haw:	NPD
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.				only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	C	E				f Performance IK/TH/6301350
					The undersigned, re	presenting the following:
	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
	BS EN	771-4:2011			Confi	rms that:
Floor End Block 12				Floor End Block 12		
Category II, 440	) x 175 x 140 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 175 (mm) x 140 (mm)				Category II,	440 x 175 x 140 mm,au	toclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
	bisture Movement:	Nominal 0.40 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 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:		NPD		-		NPD
Water vapour diffusion coef				Reaction to fire:		Euroclass A1
Direct airborne sound insula	Fixed Value:	5/10		Water absorption:		NPD
Direct an borne sound insula		730 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
	Configuration:	0		Direct airborne sound inst	ulation:	
Thormal conductivity	Configuration:				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 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-tha	iw:	NPD		Durability against freeze-t	haw:	NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Danger appropriate form. See Annex		ill only be given when and where required in the -4:2011.				only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6301350

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	C	E			DOP/HANU	of Performance IK/TH/6301558 presenting the following:
		ding Products Ltd			<b>u</b>	ling Products Ltd
	Maio	se, 14 Castle Hill, Jenhead,		Hanson House, 14 Castle Hill, Maidenhead,		
		L6 4JJ	4			-6 4JJ
	BS EN	771-4:2011			Confi	rms that:
Floor End Block 12				Floor End Block 12		
Category II, 5	30 x 440 x 145 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 530 (mm) x 440 (mm) x 145 (mm)				Category II, 5	530 x 440 x 145 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		× · · ·
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability:	Moisture Movement:	Nominal 0.40 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:		Mean 7.30 N/mm [1 bed face, whole unit]. [Cat ii]
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:		NPD		-		NPD
Water vapour diffusion co				Reaction to fire:		Euroclass A1
Direct airborne sound ins	Fixed Value:	5/10		Water absorption:		NPD
Direct an borne sound ins	Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
	Configuration:	As Above		Direct airborne sound insu	ulation:	
Thermal conductivity:	Comgutation.				Gross density: Configuration:	730 kg/m <sup>3</sup> As above
-	how	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-t	llidw.			Durability against freeze-th	haw:	NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Dans appropriate form. See Ani		vill only be given when and where required in the 1-4:2011.		Note: Information on Dang appropriate form. See Ann		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.

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	E				of Performance JK/TH/6300216
					The undersigned, re	presenting the following:
	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, Jenhead,
	BS EN	771-4:2011			Conf	irms that:
Hi Strength 7 12				Hi Strength 7 12		
Category II, 440 x 1	100 x 215 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 215 (mm)				Category II,	440 x 100 x 215 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
	ure Movement:	Nominal 0.40 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>		Dimensional stability:		
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:		NPD		-		NPD
Water vapour diffusion coeffici				Reaction to fire:		Euroclass A1
Direct airborne sound insulatio	Fixed Value:	5/10		Water absorption:		NPD
		720 kg/m <sup>3</sup>		Water vapour diffusion co		5/40
		730 kg/m <sup>3</sup>		Direct airborne sound insu		5/10
	Configuration:				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	0.16 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 Dangerou appropriate form. See Annex Z		ill only be given when and where required in the I-4:2011.				only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	í E				of Performance JK/TH/6300230
				The undersigned, re	presenting the following:
Hanson Ho Ma	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ	
BS E	N 771-4:2011			Confi	rms that:
Hi Strength 7 12			Hi Strength 7 12		
Category II, 440 x 115 x 215 mm	autoclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 115 (mm) x 215 (mm)			Category II,	440 x 115 x 215 mm,au	itoclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 7.30 $\text{N/mm}^2$ [ $\!\!\!\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.40 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 0.40 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 coefficient :	- // 2				Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD
Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
Configuration:	,		Direct airborne sound inst	ulation:	730 kg/m <sup>3</sup>
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]			Gross density: Configuration:	As above
Durability against freeze-thaw:	NPD		Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
			Durability against freeze-t	haw:	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.	J	Note: Information on Dang appropriate form. See Ann		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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	F				f Performance IK/TH/6300247
					The undersigned, re	presenting the following:
	Hanson Hous Maio	ting Products Ltd se, 14 Castle Hill, lenhead, _6 4JJ	-	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS EN 771-4:2011					Confi	rms that:
Hi Strength 7 12				Hi Strength 7 12		
Category II, 440	x 125 x 215 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 125	(mm) x 215 (mm)			Category II,	440 x 125 x 215 mm,au	toclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		× · · · ·
Compressive strength:		Mean 7.30 $\text{N/mm}^2$ [ $\!\!\!\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket Solid
Dimension Stability: Moi	sture Movement:	Nominal 0.40 mm/m		Compressive strength:		
Shear Bond Strength:		0.15 N/mm <sup>2</sup>		Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1		Ū	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:		NPD		Flexural Bond Strength:		NPD
Water vapour diffusion coeff				Reaction to fire:		Euroclass A1
Direct sink one second in the	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insula		7001 / 3		Water vapour diffusion co		5/40
	Gross density:	0		Direct airborne sound insu		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:	Configuration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thay	w:	NPD		Durability against freeze-t	haw:	NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Danger appropriate form. See Annex		ill only be given when and where required in the		, v		only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	· F				of Performance JK/TH/6300261
				The undersigned, re	presenting the following:
Hanson Ho Ma	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ	
BS E	N 771-4:2011			Conf	irms that:
Hi		Hi Strength 7 12			
Category II, 440 x 140 x 215 mm a	autoclaved aerated concrete masonry units		Conforms	to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 140 (mm) x 215 (mm)			Category II, 4	40 x 140 x 215 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m		Compressive strength:		Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:		
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD		5		NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD
Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion coe	efficient: Fixed Value:	5/10
	C C		Direct airborne sound insu	lation:	
Configuration:				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	0.16 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
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.				only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	F				of Performance JK/TH/6300285
					The undersigned, re	presenting the following:
	anson Hous Maio	ling Products Ltd se, 14 Castle Hill, enhead, .6 4JJ	_	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, Jenhead,
BS EN 771-4:2011					Conf	irms that:
Hi Strength 7 12				Hi Strength 7 12		
Category II, 440 x 150 x 2	215 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 150 (mm) x 2	215 (mm)			Category II,	440 x 150 x 215 mm, a	utoclaved aerated concrete masonry units
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 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 7.30 $\text{N/mm}^2$ [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket Solid
Dimension Stability: Moisture Mo	ovement:	Nominal 0.40 mm/m		Compressive strength:		Solid Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixe	ed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:		wean 7.30 N/mm [1 bed lace, whole unit]. [Cat II]
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:		NPD		6		NPD
Water vapour diffusion coefficient :				Reaction to fire:		Euroclass A1
Fixe Direct airborne sound insulation:	ed Value:	5/10		Water absorption:		NPD
	e densitur	730 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
		Ū.		Direct airborne sound insu	ulation:	
	guration:	As Above			Gross density: Configuration:	
Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Thermal conductivity:	Ç de	0.16 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 sub appropriate form. See Annex ZA3 of		ill only be given when and where required in the -4:2011.		Note: Information on Dang appropriate form. See Ann		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 lathering Full name: Carl Cuthbert

Position: Quality Manager



Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ BS EN 771-4:2011 Hi Strength 7 12 Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 190 (mm) x 215 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery category: ticket) Configuration: Solid Compressive strength: Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Dimension Stability: Moisture Movement: Nominal 0.40 mm/m Shear Bond Strength: 0.15 N/mm <sup>2</sup>	Category II, 4	Hanson Build Hanson Hous Maic SI Confi Hi St to the Harmonised Eur 140 x 190 x 215 mm, au product conforms: Sta	presenting the following: ting Products Ltd se, 14 Castle Hill, lenhead, .6 4JJ rms that: rength 7 12 ropean Standard: BS EN 771-4:2011 ttoclaved aerated concrete masonry units
Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ BS EN 771-4:2011 Hi Strength 7 12 Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 190 (mm) x 215 (mm) Dimensional tolerances: Category: Category: Category: Configuration: Compressive strength: Moisture Movement: Moisture Movement: Mointal 0.40 mm/m	Category II, 4 Provision to which the	Hanson Hous Maic SI Confi Hi St s to the Harmonised Eur 140 x 190 x 215 mm, au product conforms: Sta	se, 14 Castle Hill, lenhead, .6 4JJ rms that: rength 7 12 opean Standard: <b>BS EN 771-4:2011</b>
Hi Strength 7 12         Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units         Dimensions: 440 (mm) x 190 (mm) x 215 (mm) Dimensional tolerances:       GPLM (unless stated otherwise on the delivery ticket)         Configuration:       Solid         Compressive strength:       Solid         Dimension Stability:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]         Dimension Stability:       Nominal 0.40 mm/m	Category II, 4 Provision to which the	Hi St s to the Harmonised Eur 440 x 190 x 215 mm, au product conforms: Sta	<b>rength 7</b> 12 opean Standard: <b>BS EN 771-4:2011</b>
12         Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units         Dimensions: 440 (mm) x 190 (mm) x 215 (mm)       GPLM (unless stated otherwise on the delivery ticket)         Dimensional tolerances:       GPLM (unless stated otherwise on the delivery ticket)         Configuration:       Solid         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]         Dimension Stability:       Moisture Movement:         Nominal 0.40 mm/m	Category II, 4 Provision to which the	s to the Harmonised Eur 140 x 190 x 215 mm, au product conforms: Sta	12 opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 190 (mm) x 215 (mm)       GPLM (unless stated otherwise on the delivery ticket)         Configuration:       Solid         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]         Dimension Stability:       Nominal 0.40 mm/m         Shear Bond Strength:       Nominal 0.40 mm/m	Category II, 4 Provision to which the	140 x 190 x 215 mm, au product conforms: Sta	
Dimensional tolerances:     GPLM (unless stated otherwise on the delivery ticket)       Configuration:     Solid       Compressive strength:     Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Dimension Stability:     Moisture Movement:       Moisture Movement:     Nominal 0.40 mm/m	Provision to which the	product conforms: Sta	toclaved aerated concrete masonry units
category:       ticket)         Configuration:       Solid         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]         Dimension Stability:       Moisture Movement:         Moisture Movement:       Nominal 0.40 mm/m			
Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]         Dimension Stability:       Moisture Movement:         Moisture Movement:       Nominal 0.40 mm/m	Dimensional tolerances:	Re	ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Dimension Stability: Moisture Movement: Nominal 0.40 mm/m Shear Bond Strength:			
Moisture Movement: Nominal 0.40 mm/m Shear Bond Strength:	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
	Dimensional stability:		
Flexural Bond Strength: NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 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 coefficient :			Euroclass A1
Fixed Value: 5/10 Direct airborne sound insulation:	Water absorption:		NPD
Gross density: 730 kg/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value:	5/10
Configuration: As Above	Direct airborne sound insu		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
Durability against freeze-thaw: NPD	-		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances: See Note	Durability against freeze-th	naw:	NPD
•	Dangerous Substances:		See Note only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	E				of Performance JK/TH/6300308
					The undersigned, re	presenting the following:
	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
	BS EN	771-4:2011			Confi	irms that:
Hi Strength 7 12				Hi Strength 7 12		
Category II, 44	40 x 200 x 215 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 200 (mm) x 215 (mm)				Category II, 4	140 x 200 x 215 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Dimension Stability:	Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1		Ū	Fixed value:	0.15 N/mm <sup>2</sup>
		NPD		Flexural Bond Strength:		NPD
Water Absorption: Water vapour diffusion co	efficient :	NPD		Reaction to fire:		Euroclass A1
<b>.</b>	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insu		3		Water vapour diffusion co		
	-	730 kg/m <sup>3</sup>		Direct airborne sound insu	Fixed Value:	5/10
	Configuration:	As Above			Gross density:	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.drv unit.</sub> S2]
Durability against freeze-th	haw:	NPD		Durability against freeze-tl	naw:	• ··· <b>y</b> · · <b>y</b>
Dangerous Substances:		See Note		, .		NPD See Note
Note: Information on Dang appropriate form. See Ann		vill only be given when and where required in the		Dangerous Substances: Note: Information on Dang appropriate form. See Ann		only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	E			of Performance UK/TH/6300315
			The undersigned, re	epresenting the following:	
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, denhead,	
	BS EN	771-4:2011		Con	firms that:
	Hi S	trength 7 12		Hi S	trength 7 12
Category II, 4	140 x 215 x 215 mm au	toclaved aerated concrete masonry units	Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 2	215 (mm) x 215 (mm)		Category II, 4	440 x 215 x 215 mm, a	utoclaved aerated concrete masonry units
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:		
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke Solid
Dimension Stability: Shear Bond Strength:	Moisture Movement:	Nominal 0.40 mm/m	Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]
· ·	Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:	Moisture Movement:	Nominal 0.40 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:	T INCO VAIUE.	NPD
Water Absorption: Water vapour diffusion co	pefficient :	NPD	Reaction to fire:		Euroclass A1
Dissect sink as	Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound ins	Gross density:	730 kg/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value:	5/10
	Configuration:	As Above	Direct airborne sound insu		
Thermal conductivity:	J A	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Configuration:	
Durability against freeze-	thaw:	NPD	Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:		See Note	Durability against freeze-th	haw:	NPD
Danger das Gabstalles.			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.	Note: Information on Dang appropriate form. See Ann	erous substances wi ex ZA3 of BS EN 771-	I 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	( (				of Performance JK/TH/6301305
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				The undersigned, re	presenting the following:
				Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ	
	BS EN 771-4:2011			Confi	irms that:
Lar	je Format Hi Strength 7 12			Large Forma	at Hi Strength 7 12
Category II, 440 x 100 x 43	) mm autoclaved aerated cor	ncrete masonry units	Conform	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 430	) (mm)		Category II,	440 x 100 x 430 mm,au	utoclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless state egory: ticket)	ed otherwise on the delivery	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (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 tion Solid
Dimension Stability: Moisture Move	ment: Nominal 0.40 mm/n	n	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 0.40 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD				NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fixed Direct airborne sound insulation:	/alue: 5/10		Water absorption:		NPD
	ensity: 730 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
Gross d	, 0		Direct airborne sound inst	ulation:	_
0	ration: As Above	001		Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry</sub> υ	init, 52]	Thermal conductivity:	0	0.16 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 subst appropriate form. See Annex ZA3 of B		en and where required in the	Note: Information on Dang appropriate form. See Ann		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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	· F		Dec		f Performance K/TH/6301312
			Th	ie undersigned, rej	presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		e, 14 Castle Hill, enhead,
BS E	N 771-4:2011			Confi	rms that:
Large Fo	mat Hi Strength 7 12				at Hi Strength 7 12
Category II, 440 x 140 x 430 mm	autoclaved aerated concrete masonry units		Conforms to th	e Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 140 (mm) x 430 (mm	)		Category II, 440 x	140 x 430 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category	GPLM (unless stated otherwise on the delivery	Provision	to which the produ		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional to	olerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	:	category:	GPLM (unless stated otherwise on the delivery tic Solid
Dimension Stability: Moisture Movement Shear Bond Strength:	Nominal 0.40 mm/m	Compressive	strength:		Nean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Fixed value	0.15 N/mm <sup>2</sup>	Dimensional s			
Flexural Bond Strength:	NPD	Shear Bond st		sture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond	-	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD		•		NPD
Water vapour diffusion coefficient :		Reaction to fir	e:		Euroclass A1
Fixed Value. Direct airborne sound insulation:	5/10	Water absorpt	ion:		NPD
	7004 ( 3	Water vapour	diffusion coefficie		5/40
Gross density	5	Direct airborne	e sound insulatior	Fixed Value: n:	5/10
Configuration				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 condu	uctivity:	coninguration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability agai	inst freeze-thaw:		NPD
Dangerous Substances:	See Note	Dangerous Su	ihstances.		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	Note: Informat			only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	( F			of Performance JK/TH/6301541
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			The undersigned, representing the following:	
		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS	EN 771-4:2011		Conf	irms that:
Large F	ormat Hi Strength 7 12		Large Form	at Hi Strength 7 12
Category II, 440 x 150 x 430 mr	n autoclaved aerated concrete masonry units	Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 150 (mm) x 430 (mm	n)	Category II,	440 x 150 x 430 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances: categor	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery tick Solid
Dimension Stability: Moisture Movement	nt: Nominal 0.40 mm/m	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value	e: 0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 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 coefficient : Fixed Value	e: 5/10			Euroclass A1
Direct airborne sound insulation:	e. 5/10	Water absorption:		NPD
Gross densi	y: 730 kg/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value:	5/10
	n: As Above	Direct airborne sound ins		730 ka/m <sup>3</sup>
Thermal conductivity:	0.16 W/m.Κ [λ <sub>10.dry unit,</sub> S2]	Thermal conductivity	Configuration:	As above
Durability against freeze-thaw:	NPD	Thermal conductivity:		$0.16 \text{ W/m.K} [\lambda_{10,dry  unit,} S2]$
Dangerous Substances:	See Note	Durability against freeze-t	haw:	NPD
•		Dangerous Substances:		See Note only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	F			HEIDELBERGCEMENT Grou of Performance JK/TH/6300612
		The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS EN	771-4:2011		Confi	rms that:
Paint G	rade Smooth 12			ade Smooth 12
Category II, 440 x 100 x 215 mm at	utoclaved aerated concrete masonry units	Conform	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 215 (mm)		Category II,	440 x 100 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
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) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m	Compressive strength:		Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 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 coefficient :	5/40			Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
Gross density:	660 kg/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value:	5/10
Configuration:	0	Direct airborne sound insu	ulation:	_
Thermal conductivity:	0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]		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-thaw:	NPD	Durability against freeze-tl	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.	Note: Information on Dang appropriate form. See Ann		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 lathering Full name: Carl Cuthbert

Position: Quality Manager



		•			HEIDELBERGCEMENT Group
(	F				f Performance IK/TH/6300629
				The undersigned, re	presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011			Confi	rms that:
Paint Gr	rade Smooth 12				ade Smooth 12
Category II, 440 x 140 x 215 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 140 (mm) x 215 (mm)			Category II, 4	440 x 140 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
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 Movement: Shear Bond Strength:	Nominal 0.40 mm/m		Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:		
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD		Flexulai Boliu Stieligtii.		NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion co	efficient:	
Gross density:	660 kg/m <sup>3</sup>			Fixed Value:	5/10
Configuration:	As Above		Direct airborne sound insu	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
Durability against freeze-thaw:	NPD		-		0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note		Durability against freeze-tl	naw:	NPD
-			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 1-4:2011.		Note: Information on Dang appropriate form. See Ann		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 lathering Full name: Carl Cuthbert

Position: Quality Manager



		<b>1</b> 1			HEIDELBEKGCEMENTGroup
(	6				f Performance
				The undersigned, re	presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		e, 14 Castle Hill, enhead,
BS EN	771-4:2011			Confi	rms that:
Paint Gr	ade Smooth 12				ade Smooth 12
Category II, 440 x 150 x 215 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 150 (mm) x 215 (mm)			Category II, 4	140 x 150 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		× · · · ·
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 Movement: Shear Bond Strength:	Nominal 0.40 mm/m		Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Fixed value:			Dimensional stability:	Moisture Movement:	Nominal 0.40 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>
Water Absorption:	NPD		Reaction to fire:		NPD
Water vapour diffusion coefficient :	5/40				Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD
Gross density:	660 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
	,		Direct airborne sound insu	Ilation:	_
Configuration:				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-tl	naw:	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 I-4:2011.				only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



				HEIDELBERGCEMENT Group
(	F			f Performance IK/TH/6300643
			The undersigned, representing the following:	
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011		Confi	rms that:
Paint Gr	rade Smooth 12			ade Smooth 12
Category II, 440 x 190 x 215 mm au	toclaved aerated concrete masonry units	Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 190 (mm) x 215 (mm)		Category II, 4	440 x 190 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
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 Movement: Shear Bond Strength:	Nominal 0.40 mm/m	Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	Flexural Bond Strength.		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion co	efficient:	
Gross density:	660 kg/m <sup>3</sup>	Direct cirborne cound incu	Fixed Value:	5/10
Configuration:	As Above	Direct airborne sound insu	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
Durability against freeze-thaw:	NPD	Durability against freeze-tl	haw.	0.14 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note		11G W .	NPD
		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 1-4:2011.	Note: Information on Dang appropriate form. See Ann		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 lathering Full name: Carl Cuthbert

Position: Quality Manager



ticket)

	(	F				of Performance
					The undersigned	, representing the following:
	Hanson Hou Maio	ding Products Ltd se, 14 Castle Hill, Jenhead, L6 4JJ	_		Hanson H	uilding Products Ltd ouse, 14 Castle Hill, faidenhead, SL6 4JJ
	BS EN	771-4:2011			с	onfirms that:
	Paint Gr	rade Smooth 12			Paint	Grade Smooth 12
Category II, 4	40 x 200 x 215 mm au	itoclaved aerated concrete masonry units		Conforms	to the Harmonised	European Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 2	00 (mm) x 215 (mm)			Category II, 4	40 x 200 x 215 mm,	autoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 4.00 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]		Configuration:	categoi	
Dimension Stability: Shear Bond Strength:	Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid Mean 4.00 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 Movemer	nt: Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed valu	
Water Absorption:		NPD		Reaction to fire:		NPD
Water vapour diffusion co		5/40				Euroclass A1
Direct airborne sound ins	Fixed Value:	5/10		Water absorption:		NPD
	Gross density:	660 ka/m <sup>3</sup>		Water vapour diffusion coe	efficient: Fixed Valu	e: 5/10
	Configuration:	As Above		Direct airborne sound insu	lation:	
	Comgutation.				Gross densit Configuratio	
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-	inaw:	NPD		Durability against freeze-th	aw:	NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note

See Also Declaration of Performance DOP/HANUK/TH/6300650

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	<b>F</b>			of Performance JK/TH/6300667
			The undersigned, re	presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011		Confi	irms that:
Paint G	rade Smooth 12		Paint Gr	ade Smooth 12
Category II, 440 x 215 x 215 mm at	utoclaved aerated concrete masonry units	Conform	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 215 (mm) x 215 (mm)		Category II, 4	440 x 215 x 215 mm,au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 4.00 $\mbox{N/mm}^2$ [ $\!\!\!\!\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m	Compressive strength:		Solid Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	C C		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		Water vapour diffusion co		
Gross density:	660 kg/m <sup>3</sup>	Direct airborne sound insu	Fixed Value: Ilation:	5/10
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:	Configuration:	0.14 W/m.K [λ <sub>10.dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-tl	haw:	
Dangerous Substances:	See Note			NPD 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	Dangerous Substances: Note: Information on Dang appropriate form. See Ann		only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	F			of Performance JK/TH/6300339
			The undersigned, re	presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011		Conf	irms that:
Hi Strength 7 P	aint Grade Smooth 12		Hi Strength 7 P	aint Grade Smooth 12
Category II, 440 x 100 x 215 mm au	toclaved aerated concrete masonry units	Conforms	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 215 (mm)		Category II, 4	40 x 100 x 215 mm, a	utoclaved aerated concrete masonry units
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:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m	Compressive strength:		Solid 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 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD			NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
Gross density:	730 ka/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value:	5/10
,	As Above	Direct airborne sound insu	Ilation:	_
Configuration:			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	0.16 W/m.K [λ <sub>10,dry unit</sub> , 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 w appropriate form. See Annex ZA3 of BS EN 77	ill only be given when and where required in the I-4:2011.			l only be given when and where required in the 4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300339

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	<b>F</b>			f Performance IK/TH/6300353
			The undersigned, re	presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS EN	l 771-4:2011		Confi	rms that:
Hi Strength 7	Paint Grade Smooth 12			aint Grade Smooth 12
Category II, 440 x 140 x 215 mm a	utoclaved aerated concrete masonry units	Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 140 (mm) x 215 (mm)		Category II, 4	40 x 140 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 $\text{N/mm}^2$ [ $\scriptscriptstyle \perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat
Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD			NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
	730 ka/m <sup>3</sup>	Water vapour diffusion coe	efficient: Fixed Value:	5/10
Gross density:	5	Direct airborne sound insu	lation:	_
Configuration:			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 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-th	iaw:	NPD
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances	will only be given when and where required in the			only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	F				of Performance JK/TH/6300360
			The undersigned, representing the following:		
Hanson Built Hanson Hou Maic S	-	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
BS EN	771-4:2011			Conf	irms that:
Hi Strength 7 P	aint Grade Smooth 12			Hi Strength 7 P	aint Grade Smooth 12
Category II, 440 x 150 x 215 mm au	toclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: BS EN 771-4:2011		
Dimensions: 440 (mm) x 150 (mm) x 215 (mm)			Category II, 4	440 x 150 x 215 mm, au	utoclaved aerated concrete masonry units
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:		
Compressive strength:	Mean 7.30 $\text{N/mm}^2$ [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke Solid
Dimension Stability: Moisture Movement:	Nominal 0.40 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 0.40 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD				NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD
Gross density:	730 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
Configuration:	0		Direct airborne sound insu	ulation:	_
Ū.				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 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-th	haw:	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 1-4:2011.				I only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6300360

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	F		I		f Performance IK/TH/6300377
			The undersigned, representing the following:		
Hanson Bui Hanson Hou Mai S		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
BS EN	771-4:2011			Confi	rms that:
Hi Strength 7	Paint Grade Smooth 12				aint Grade Smooth 12
Category II, 440 x 190 x 215 mm a	utoclaved aerated concrete masonry units		Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 190 (mm) x 215 (mm)			Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	D	Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	с	Configuration:	category:	GPLM (unless stated otherwise on the delivery the Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m	с	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat
Fixed value:	0.15 N/mm <sup>2</sup>	D	Dimensional stability:		
Flexural Bond Strength:	NPD	s	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	F	- Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD				NPD
Water vapour diffusion coefficient :		R	Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	v	Nater absorption:		NPD
	720 kg/m <sup>3</sup>	v	Nater vapour diffusion coe		5/40
Gross density:	730 kg/m <sup>3</sup>	D	Direct airborne sound insu		5/10
Configuration:				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]	т	Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	D	Durability against freeze-th	aw:	NPD
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substances	will only be given when and where required in the	N			only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



Dimensions: 440 (mm) x 200 (mm) x 215 (mm)       GPLM (unless stated otherwise on the delivery       Provision to which         Dimensional tolerances:       GPLM (unless stated otherwise on the delivery       Provision to which         Configuration:       Solid       Dimensional tolerance         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Dimensional tolerance         Dimension Stability:       Moisture Movement:       Nominal 0.40 mm/m         Shear Bond Strength:       0.15 N/mm²       Dimensional stability:         Flexural Bond Strength:       NPD       Shear Bond strength:         Water Absorption:       NPD       Reaction to fire:       Flexural Bond Strength:         Fixed Value:       5/10       Water vapour diffusion coefficient :       Water vapour diffusion:         Direct airborne sound insulation:       5/10       Water vapour diffusion	Hanson Buil Hanson Hou Mai S Con <b>Hi Strength 7 F</b> ms to the Harmonised Eu	epresenting the following: ding Products Ltd se, 14 Castle Hill, denhead, L6 4JJ firms that: Paint Grade Smooth 12 ropean Standard: BS EN 771-4:2011
Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ BS EN 771-4:2011 Hi Strength 7 Paint Grade Smooth 12 Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units Dimensional tolerances: Category: ticket) Configuration: Configuration: Compressive strength: Dimension Stability: Moisture Movement: Nominal 0.40 mm/m Shear Bond Strength: Fixed value: 0.15 N/mm <sup>2</sup> Flexural Bond Strength: Reaction to fire: Euroclass A1 Water Absorption: Water vapour diffusion coefficient : Fixed Value: 5/10 Direct airborne sound insulation:	Hanson Hou Mai S Con Hi Strength 7 F ms to the Harmonised Eu	se, 14 Castle Hill, denhead, L6 4JJ firms that: Paint Grade Smooth 12
Hi Strength 7 Paint Grade Smooth 12       Category II, 440 x 200 x 215 mm and category and to be a category and to be a category and to be a category.       Con         Dimensions: 440 (mm) x 200 (mm) x 215 (mm) Dimensional tolerances: category.       GPLM (unless stated otherwise on the delivery tocket)       Category.         Dimensional tolerances: category.       GPLM (unless stated otherwise on the delivery tocket)       Provision to which category.         Configuration:       Solid       Dimensional tolerance.         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Dimensional tolerance.         Dimension Stability:       Nean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Configuration:         Dimension Stability:       Neinnal 0.40 mm/m       Compressive strength:         Flexural Bond Strength:       NPD       Shear Bond strength:         Flexural Bond Strength:       NPD       Shear Bond Strength:         Water Absorption:       NPD       Reaction to fire:         Water Absorption:       NPD       Reaction to fire:         Water Absorption:       Solid       Water absorption:         Direct airborne sound insulation:       Solid       Water vapour diffusion coefficient :	Hi Strength 7 F	Paint Grade Smooth 12
12       Category II, 440 x 200 x 215 mm Juck 200 x 215 mm Juc	ms to the Harmonised Eu	12
Dimensional tolerances:       GPLM (unless stated otherwise on the delivery ticket)       Provision to which to the delivery ticket         Configuration:       Solid       Dimensional tolerance       Dimensional tolerance         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Dimensional tolerance       Configuration:         Dimension Stability:       Moisture Movement:       Nominal 0.40 mm/m       Compressive strength:       Compressive strength:       Dimensional stability:         Flexural Bond Strength:       NPD       Shear Bond strength:       NPD       Shear Bond strength:       Flexural Bond strength:       Flexural Bond strength:       Reaction to fire:       Flexural Bond strength:       Water vapour diffusion coefficient :       Flexural Bond strength:       Water vapour diffusion coefficient :       Water vapour diffusion coefficient :       Water vapour diffusion :         Direct airborne sound insulation:       5/10       Water vapour diffusion :       Water vapour diffusion :		ronean Standard: BS EN 771-4-2011
Dimensional tolerances:       GPLM (unless stated otherwise on the delivery ticket)       Provision to which other ticket         Configuration:       Solid       Dimensional tolerance         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Dimensional tolerance         Dimension Stability:       Moisture Movement:       Nominal 0.40 mm/m       Compressive strength:         Shear Bond Strength:       Nominal 0.40 mm/m       Compressive strength:       Dimensional stability:         Flexural Bond Strength:       NPD       Shear Bond strength:       Shear Bond strength:         Reaction to fire:       Euroclass A1       Flexural Bond Strength:       Reaction to fire:         Water Absorption:       NPD       Reaction to fire:       Water absorption:         Direct airborne sound insulation:       5/10       Water vapour diffusion       Water vapour diffusion	, 440 x 200 x 215 mm, a	
Dimensional tolerances:       GPLM (unless stated otherwise on the delivery ticket)       Provision to which ticket         Configuration:       Solid       Dimensional tolerance         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Dimensional tolerance         Dimension Stability:       Moisture Movement:       Nominal 0.40 mm/m       Compressive strength:         Shear Bond Strength:       Nominal 0.40 mm/m       Compressive strength:       Dimensional stability:         Flexural Bond Strength:       0.15 N/mm²       Lucclass A1       Dimensional stability:         Water Absorption:       NPD       Shear Bond Strength:       Flexural Bond Strength:         Water vapour diffusion coefficient :       5/10       Water absorption:       Water absorption:         Water vapour diffusion:       5/10       Water vapour diffusion:       Water vapour diffusion:		utoclaved aerated concrete masonry units
Configuration:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Configuration:         Dimension Stability:       Moisture Movement:       Nominal 0.40 mm/m         Shear Bond Strength:       0.15 N/mm²       Dimensional stability:         Flexural Bond Strength:       0.15 N/mm²       Dimensional stability:         Flexural Bond Strength:       NPD       Shear Bond strength:         Reaction to fire:       Euroclass A1       Flexural Bond Strength:         Water Absorption:       NPD       Reaction to fire:         Water vapour diffusion coefficient :       5/10       Water absorption:         Direct airborne sound insulation:       Water vapour diffusion       Water vapour diffusion		andard: Annex ZA of BS EN 771-4:2011, System 4 egulation (EU): 305/2011
Dimension Stability:       Moisture Movement:       Nominal 0.40 mm/m       Compressive strength         Shear Bond Strength:       Fixed value:       0.15 N/mm²       Dimensional stability:         Flexural Bond Strength:       NPD       Shear Bond strength:       Flexural Bond strength:         Reaction to fire:       Euroclass A1       Flexural Bond Strength       Flexural Bond Strength:         Water Absorption:       NPD       Reaction to fire:       Water absorption:         Water vapour diffusion coefficient :       Fixed Value:       5/10       Water absorption:         Direct airborne sound insulation:       Water vapour diffusion       Water vapour diffusion		
Moisture Movement:       Nominal 0.40 mm/m       Compressive strength         Shear Bond Strength:       Fixed value:       0.15 N/mm²       Dimensional stability:         Flexural Bond Strength:       NPD       Shear Bond strength:       Shear Bond strength:         Reaction to fire:       Euroclass A1       Flexural Bond Strength       Reaction to fire:         Water Absorption:       NPD       Reaction to fire:       Water absorption:         Direct airborne sound insulation:       5/10       Water vapour diffusion	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Fixed value:     0.15 N/mm²     Dimensional stability:       Flexural Bond Strength:     NPD     Shear Bond strength:       Reaction to fire:     Euroclass A1     Flexural Bond Strength       Water Absorption:     NPD     Reaction to fire:       Water vapour diffusion coefficient :     Fixed Value:     5/10       Direct airborne sound insulation:     Water vapour diffusion     Water vapour diffusion		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]
Reaction to fire:       Euroclass A1       Flexural Bond Strength:         Water Absorption:       NPD       Reaction to fire:         Water vapour diffusion coefficient :       Fixed Value:       5/10         Direct airborne sound insulation:       Water vapour diffusion       Water vapour diffusion		
Water Absorption:     NPD     Reaction to fire:       Water vapour diffusion coefficient :     Fixed Value:     5/10       Direct airborne sound insulation:     Water vapour diffusion	Moisture Movement:	Nominal 0.40 mm/m
Water vapour diffusion coefficient :       Fixed Value: 5/10       Reaction to fire:         Direct airborne sound insulation:       Water vapour diffusion	Fixed value:	0.15 N/mm <sup>2</sup>
Fixed Value:     5/10     Water absorption:       Direct airborne sound insulation:     Water vapour diffusion		NPD Euroclass A1
Water vapour diffusio		NPD
	coefficient:	
Gross density: 730 kg/m <sup>3</sup> Direct airborne sound	Fixed Value:	5/10
Configuration: As Above	Gross density:	
Thermal conductivity:         0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]         Thermal conductivity:	Configuration:	
Durability against freeze-thaw: NPD Durability against freeze-thaw:	ooninguration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances: See Note		NPD
Dangerous Substances         Dangerous Substances           Note: Information on Dangerous substances will only be given when and where required in the         Note: Information on I	-thaw:	See Note

See Also Declaration of Performance DOP/HANUK/TH/6300384

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	· <b>F</b>		Dec		f Performance IK/TH/6300391
			The undersigned, representing the following:		
Hanson Buil Hanson Hou Mai S		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
BS EN	771-4:2011			Confi	rms that:
Hi Strength 7 F	Paint Grade Smooth 12			Hi Strength 7 P	aint Grade Smooth 12
Category II, 440 x 215 x 215 mm at	utoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: BS EN 771-4:2011		
Dimensions: 440 (mm) x 215 (mm) x 215 (mm)		C C	Category II, 440 x 2	215 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision	n to which the produ		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional to	olerances:		
Compressive strength:	Mean 7.30 $\text{N/mm}^2$ [ $\scriptscriptstyle \pm$ bed face, whole unit]. [Cat II]	Configuration:	:	category:	GPLM (unless stated otherwise on the delivery ticker Solid
Dimension Stability: Moisture Movement:	Nominal 0.40 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 s			
Flexural Bond Strength:	NPD	Shear Bond st		sture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond	Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption: Water vapour diffusion coefficient :	NPD	Reaction to fir			NPD Euroclass A1
Fixed Value:	5/10	Water absorpt	tion:		NPD
Direct airborne sound insulation:		Water vapour	diffusion coefficie	nt:	
Gross density:	730 kg/m <sup>3</sup>	Direct airborn	e sound insulatior	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 condu	uctivity:	Configuration:	
Durability against freeze-thaw:	NPD		inst freeze-thaw:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note				NPD
Note: Information on Dangerous substances v		Dangerous Su		eubetanooe will	See Note only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6300391

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	F			of Performance IK/TH/6301190		
			The undersigned, representing the following:			
Hanson Build Hanson Hous Maic Sl		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				
BS EN	771-4:2011		Confi	irms that:		
Large Format Hi Stren	gth 7 Paint Grade Smooth 12		Large Format Hi Stren	gth 7 Paint Grade Smooth 12		
Category II, 440 x 100 x 430 mm au	toclaved aerated concrete masonry units	Conform	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011		
Dimensions: 440 (mm) x 100 (mm) x 430 (mm)		Category II,	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		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:				
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke Solid		
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m	Compressive strength:				
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m		
Reaction to fire:	Euroclass A1		Fixed value:	0.15 N/mm <sup>2</sup>		
Vater Absorption:	NPD	Flexural Bond Strength:		NPD		
Vater vapour diffusion coefficient :		Reaction to fire:		Euroclass A1		
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD		
Gross density:	730 ka/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value:	5/10		
	0	Direct airborne sound ins		730 ka/m <sup>3</sup>		
Chermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Configuration:	As above		
Durability against freeze-thaw:	NPD	Thermal conductivity:		$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S2]$		
Dangerous Substances:	See Note	Durability against freeze-t	haw:	NPD		
angerous Substances.	See Note	Dangerous Substances:		See Note only be given when and where required in the		

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	<b>F</b>			f Performance K/TH/6301329		
			The undersigned, representing the following:			
Hanson Buil Hanson Hou Mai S		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				
BS EN	771-4:2011		Confi	rms that:		
Large Format Hi Stre	ngth 7 Paint Grade Smooth 12		Large Format Hi Strength 7 Paint Grade Smooth 12			
Category II, 440 x 140 x 430 mm at	utoclaved aerated concrete masonry units	Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011		
Dimensions: 440 (mm) x 140 (mm) x 430 (mm)		Category II,	Category II, 440 x 140 x 430 mm, autoclaved aerated concrete masonry units			
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:				
Compressive strength:	Mean 7.30 $\mbox{N/mm}^2$ [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke		
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m	Compressive strength:		Solid		
Shear Bond 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>	Dimensional stability:	Moisture Movement:	Nominal 0.40 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:	i ikeu 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:	2	Water vapour diffusion co				
Gross density:	730 kg/m <sup>3</sup>	Direct airborne sound ins	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-thaw:	NPD	Durability against freeze-t	haw:			
Dangerous Substances:	See Note		-	NPD		
Note: Information on Dangaraus substances	vill only be given when and where required in the	Dangerous Substances: Note: Information on Dang	erous substances will	See Note only be given when and where required in the		

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	E			of Performance JK/TH/6300674	
			The undersigned, representing the following:		
Hanson Ho Ma	lding Products Ltd use, 14 Castle Hill, idenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS Ef	N 771-4:2011		Cont	irms that:	
Tre	nchblock 12		Trer	nchblock 12	
Category II, 440 x 255 x 215 mm a	utoclaved aerated concrete masonry units	Confor	ms to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 255 (mm) x 215 (mm)		Category II.	Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units		
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:			
Compressive strength:	Mean 3.60 $\mbox{N/mm}^2$ [ $_{\rm L}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke Solid	
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:			
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:		0.15 N/mm <sup>2</sup>	
Water Absorption:	NPD	, i i i i i i i i i i i i i i i i i i i		NPD	
Water vapour diffusion coefficient :		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 o	coefficient: Fixed Value:	5/10	
Configuration:	As Above	Direct airborne sound in		600 kg/m <sup>3</sup>	
Thermal conductivity:	0.13 W/m.K [λ <sub>10.dry unit</sub> , S2]		Configuration:	As above	
Durability against freeze-thaw:	Resistant to Freeze Thaw	Thermal conductivity:		0.13 W/m.K [ $\lambda_{10,dry unit}$ , S2]	
Dangerous Substances:	See Note	Durability against freeze	-thaw:	Resistant to Freeze Thaw	
vangei ous oubstances.		Dangerous Substances:		See Note I only be given when and where required in the	

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	( <del>(</del>				of Performance JK/TH/6300681	
		The undersigned, representing the following:				
Hanson Hanson	_	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				
BS	EN 771-4:2011			Conf	irms that:	
	Trenchblock 12			Tren	ichblock 12	
Category II, 440 x 275 x 215 m	n autoclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 275 (mm) x 215 (m	m)		Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units			
Dimensional tolerances: catego	GPLM (unless stated otherwise on the delivery		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
Configuration:	Solid		Dimensional tolerances:			
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke	
Dimension Stability: Moisture Moveme Shear Bond Strength:	nt: Nominal 0.40 mm/m		Compressive strength:		Solid Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Fixed value	e: 0.15 N/mm <sup>2</sup>		Dimensional stability:			
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Water Absorption:	NPD		5		NPD	
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1	
Fixed Valu	e: 5/10		Water absorption:		NPD	
	$-200 k a m^3$		Water vapour diffusion co		5/40	
Gross densi	, ,		Direct airborne sound inse		5/10	
Configuratio				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:	e ega allori	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-t	haw:	Resistant to Freeze Thaw	
Dangerous Substances:	See Note		Dangerous Substances:		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				only be given when and where required in the	

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.

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	E				of Performance JK/TH/6300698
				The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			4	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
	BS EN	771-4:2011			Conf	irms that:
	Trer	nchblock 12			Tren	ichblock 12
Category II, 4	40 x 300 x 215 mm au	utoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: BS EN 771-4:2011		
Dimensions: 440 (mm) x 3	00 (mm) x 215 (mm)			Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units		
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 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 3.60 $\text{N/mm}^2$ [ $\scriptscriptstyle \perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Dimension Stability:	Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>		Dimensional stability:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	Tixed value.	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1		_	Fixed value:	0.15 N/mm <sup>2</sup>
				Flexural Bond Strength:		NPD
Water Absorption: Water vapour diffusion co	efficient :	NPD		Reaction to fire:		Euroclass A1
·	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound ins		2		Water vapour diffusion co		
	Gross density:	600 kg/m <sup>3</sup>		Direct airborne sound insu	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:	Comguration:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-t	haw:	Resistant to Freeze Thaw		Durability against freeze-t	haw:	
Dangerous Substances:		See Note		Dangerous Substances:		Resistant to Freeze Thaw See Note
Note: Information on Dang appropriate form. See Ann		vill only be given when and where required in the		, v		only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(			of Performance JK/TH/6300704	
	The undersigned, representing the following:				
Hanso Hanso	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				
I	3S EN 771-4:2011		Conf	irms that:	
	Trenchblock 12		Tren	nchblock 12	
Category II, 440 x 355 x 215	mm autoclaved aerated concrete masonry units	Conforms to the Harmonised European Standard: BS EN 771-4:2011			
Dimensions: 440 (mm) x 355 (mm) x 215	(mm)	Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units			
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery gory: ticket)	Provision to which the		andard: Annex ZA of BS EN 771-4:2011, System 4 egulation (EU): 305/2011	
Configuration:	Solid	Dimensional tolerances:			
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 Moven	nent: Nominal 0.40 mm/m	Compressive strength:		Solid Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed v	alue: 0.15 N/mm <sup>2</sup>	Dimensional stability:			
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
Water Absorption:	NPD	6		NPD	
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1	
Fixed V Direct airborne sound insulation:	alue: 5/10	Water absorption:		NPD	
Gross der	nsity: 600 kg/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value:	5/10	
Configura		Direct airborne sound insu	ulation:		
Thermal conductivity:			Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
-	0.13 W/m.K [ $\lambda_{10,dry unit}$ , S2]	Thermal conductivity:	-	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-t	haw:	Resistant to Freeze Thaw	
Dangerous Substances:	See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous substat 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 Dang appropriate form. See Ann		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 installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	C	E			of Performance
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
	BS EN	771-4:2011		Con	firms that:
	Trer	nchblock 12		Tre	nchblock 12
Category II, 4	40 x 255 x 140 mm au	toclaved aerated concrete masonry units	Conforms	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 2	55 (mm) x 140 (mm)		Category II, 440 x 255 x 140 mm, autoclaved aerated concrete masonry units		
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:		
Compressive strength:		Mean 3.60 $\text{N/mm}^2$ [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke Solid
Dimension Stability: Shear Bond Strength:	Moisture Movement:	Nominal 0.40 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 0.40 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:		NPD	Ū.		NPD
Water vapour diffusion co		5/40	Reaction to fire:		Euroclass A1
Direct airborne sound ins	Fixed Value:	5/10	Water absorption:		NPD
	Gross density:	600 kg/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value:	5/10
	Configuration:	As Above	Direct airborne sound insu	Ilation: 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-t	haw:	Resistant to Freeze Thaw	-		0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]
Dangerous Substances:		See Note	Durability against freeze-th	naw:	Resistant to Freeze Thaw
-			Dangerous Substances:		See Note I only be given when and where required in the

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

Signed on behalf of the manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager



	CE			DOP/HANU	of Performance JK/TH/6301244 presenting the following:	
Han Han		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				
	BS EN 771-4:2011			Conf	irms that:	
	Trenchblock 12			Tren	ichblock 12	
Category II, 440 x 275 x 14	0 mm autoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: BS EN 771-4:2011			
Dimensions: 440 (mm) x 275 (mm) x 14	0 (mm)		Category II, 440 x 275 x 140 mm, autoclaved aerated concrete masonry units			
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery tegory: ticket)		Provision to which the		andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
Configuration:	Solid	Di	Dimensional tolerances:			
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	C	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Dimension Stability: Moisture Move	ement: Nominal 0.40 mm/m	C	Compressive strength:		Solid 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>	Di	Dimensional stability:			
Flexural Bond Strength:	NPD	SI	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m	
Reaction to fire:	Euroclass A1	FI	lexural Bond Strength:	Fixed value:		
Water Absorption:	NPD		Ū		NPD	
Water vapour diffusion coefficient :		R	Reaction to fire:		Euroclass A1	
Fixed Direct airborne sound insulation:	Value: 5/10	w	Vater absorption:		NPD	
	lensity: 600 kg/m <sup>3</sup>	w	Vater vapour diffusion coe	efficient: Fixed Value:	5/10	
Gross d		Di	Direct airborne sound insu	lation:	_	
0				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]	Tł	hermal conductivity:	0	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	Resistant to Freeze Thaw	D	Ourability against freeze-th	naw:	Resistant to Freeze Thaw	
Dangerous Substances:	See Note	Da	Dangerous Substances:		See Note	
Note: Information on Dangerous subst appropriate form. See Annex ZA3 of B	tances will only be given when and where required in the S EN 771-4:2011.	N	0		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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	( (				of Performance JK/TH/6301251
			The undersigned, representing the following:		presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
	BS EN 771-4:2011		Confirms that:		irms that:
	Trenchblock 12		Trenchblock 12		
Category II, 440 x 300 x 1	40 mm autoclaved aerated concrete masonry un	s	Conform	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 300 (mm) x 1	40 (mm)		Category II,	440 x 300 x 140 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the ategory: ticket)	delivery	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 3.60 $\textrm{N/mm}^{2}$ [ $\!\!\!\perp$ bed face, whole	init]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Dimension Stability: Moisture Mo	vement: Nominal 0.40 mm/m		Compressive strength:		Solid Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixe	d value: 0.15 N/mm <sup>2</sup>		Dimensional stability:		
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD		Ū.		NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
	Value: 5/10		Water absorption:		NPD
Direct airborne sound insulation:	4		Water vapour diffusion co		- // -
	density: 600 kg/m <sup>3</sup>		Direct airborne sound ins	Fixed Value:	5/10
	uration: 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:	comgaration.	0.13 W/m.K [λ <sub>10.drv unit.</sub> S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-t	haw:	Resistant to Freeze Thaw
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous sub- appropriate form. See Annex ZA3 of I	stances will only be given when and where reases EN 771-4:2011.	uired in the			only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	E			of Performance
			The undersigned, representing the following:		epresenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		use, 14 Castle Hill, idenhead,	
BS EN 771-4:2011			Cor	nfirms that:	
	Trer	nchblock 12	Trenchblock 12		
Category II,	440 x 355 x 140 mm au	utoclaved aerated concrete masonry units	Conform	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 3	355 (mm) x 140 (mm)		Category II, 4	440 x 355 x 140 mm, 🗧	autoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		tandard: Annex ZA of BS EN 771-4:2011, System 4 egulation (EU): 305/2011
Configuration:		Solid	Dimensional tolerances:		
Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category	GPLM (unless stated otherwise on the delivery ticke Solid
Dimension Stability:	Moisture Movement:	Nominal 0.40 mm/m	Compressive strength:		
Shear Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		Mean 3.60 N/mm <sup>2</sup> [ $_{\perp}$ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	i izeu value.	NPD	2	Moisture Movement	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1	Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
			Flexural Bond Strength:		NPD
Water Absorption: Water vapour diffusion co		NPD	Reaction to fire:		Euroclass A1
	Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound ins		600 kg/m <sup>3</sup>	Water vapour diffusion co		5/40
	Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound insu		
<b>-</b>	Configuration:	As Above		Gross density Configuration	
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	2	0.13 W/m.K [λ <sub>10,dry 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 Dan appropriate form. See An		vill only be given when and where required in the 1-4:2011.	, v		ill only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	CE			of Performance JK/TH/6300544
			The undersigned, re	presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ	
	BS EN 771-4:2011		Confirms that:	
	Trenchblock T and G 12		Trenchblock T and G 12	
Category II, 440 x 255 x 21	5 mm autoclaved aerated concrete masonry units	Conform	ns to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 255 (mm) x 21	5 (mm)	Category II,	Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery tegory: ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [+ bed face, whole unit]. [Cat	Configuration:	category:	GPLM (unless stated otherwise on the delivery Solid
Dimension Stability: Moisture Mov	ement: Nominal 0.40 mm/m	Compressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat
Shear Bond Strength: Fixed	value: 0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD			NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
	Value: 5/10	Water absorption:		NPD
Direct airborne sound insulation:	·	Water vapour diffusion co		- // -
Gross d	, ,	Direct airborne sound ins		5/10
Ũ	iration: As Above		Gross density: Configuration:	600 kg/m <sup>3</sup> As above
Thermal conductivity:	0.13 W/m.Κ [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	comgatation.	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-t	thaw:	Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous subst	ances will only be given when and where required in t			only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ BS EN 771-4:2011 Trenchblock T and G 12 Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units	The undersigned, representing the following: Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ Confirms that: Trenchblock T and G 12	
Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ BS EN 771-4:2011 Trenchblock T and G 12	Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ Confirms that: Trenchblock T and G 12	
Trenchblock T and G 12	Trenchblock T and G 12	
12	12	
Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units	Conformation the Upremarized European Standards BS EN 774 4:0044	
	Conforms to the Harmonised European Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 275 (mm) x 215 (mm)	Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units	
Dimensional tolerances: GPLM (unless stated otherwise on the delivery category: 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 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	Configuration: Collign Configuration: Configuration: Collign Configuration: Collign Co	
Dimension Stability: Moisture Movement: Nominal 0.40 mm/m	Compressive strength: Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat	
Shear Bond Strength: Fixed value: 0.15 N/mm <sup>2</sup>	Dimensional stability:	
Flexural Bond Strength: NPD	Moisture Movement: Nominal 0.40 mm/m Shear Bond strength:	
Reaction to fire: Euroclass A1	Fixed value: 0.15 N/mm <sup>2</sup>	
Water Absorption: NPD	S NPD	
Water vapour diffusion coefficient :	Reaction to fire: Euroclass A1	
Fixed Value: 5/10 Direct airborne sound insulation:	Water absorption: NPD	
Gross density: 600 kg/m <sup>3</sup>	Water vapour diffusion coefficient: Fixed Value: 5/10	
Configuration: As Above	Direct airborne sound insulation:	
Thermal conductivity:         0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	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-thaw: Resistant to Freeze Thaw	
Dangerous Substances: See Note	Dangerous Substances: See Note	

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(f	Declaration of Performance DOP/HANUK/TH/6300568	
	The undersigned, representing the following:	
Hanson Building Produ Hanson House, 14 Cas Maidenhead, SL6 4JJ	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ	
BS EN 771-4:201	Confirms that:	
Trenchblock T an 12	Trenchblock T and G 12	
Category II, 440 x 300 x 215 mm autoclaved a	s to the Harmonised European Standard: BS EN 771-4:2011	
nsions: 440 (mm) x 300 (mm) x 215 (mm)	Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units	
sional tolerances: GPLM (ucategory: ticket)	product conforms: Standard: Annex ZA of BS EN 771-4:2011, System Regulation (EU): 305/2011	
guration: Solid		
ressive strength: Mean 3.	category: GPLM (unless stated otherwise on the deliver Solid	
nsion Stability: Moisture Movement: Nominal	Mean 3.60 N/mm² [⊥ bed face, whole unit]. [C	
Bond Strength: Fixed value: 0.15 N/m		
ral Bond Strength: NPD	Moisture Movement: Nominal 0.40 mm/m	
ion to fire: Euroclas	Fixed value: 0.15 N/mm <sup>2</sup>	
Absorption: NPD	NPD	
vapour diffusion coefficient :	Euroclass A1	
Fixed Value: 5/10 airborne sound insulation:	NPD	
Gross density: 600 kg/n	efficient: Fixed Value: 5/10	
Configuration: As Abov	ulation:	
·	Gross density: 600 kg/m <sup>3</sup> Configuration: As above	
•	0.13 W/m.K [λ <sub>10,dry unit,</sub> S2]	
, <u>,</u>	haw: Resistant to Freeze Thaw	
rous substances: See Note	See Note	
Prous Substances: See Not Information on Dangerous substances will only be priate form. See Annex ZA3 of BS EN 771-4:2011.	Resistant	

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	ſ <b>f</b>		I		of Performance JK/TH/6300575
			The undersigned, representing the following:		presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS EI	N 771-4:2011		Confirms that:		
Trench	block T and G 12		Trenchblock T and G 12		
Category II, 440 x 355 x 215 mm a	utoclaved aerated concrete masonry units		Conforms	to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 355 (mm) x 215 (mm)			Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Din	mensional tolerances:		
Compressive strength:	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Cor	onfiguration:	category:	GPLM (unless stated otherwise on the delivery tick Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m	Cor	ompressive strength:		Mean 3.60 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm <sup>2</sup>	Din	mensional stability:		
Flexural Bond Strength:	NPD	She	ear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Fie	exural Bond Strength:	Fixed value:	
Water Absorption:	NPD		-		NPD
Water vapour diffusion coefficient :		Rea	action to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Wa	ater absorption:		NPD
Gross density:	600 kg/m <sup>3</sup>	Wa	ater vapour diffusion coe	efficient: Fixed Value:	5/10
,	0	Dire	rect airborne sound insu	lation:	_
Configuration:				Gross density: Configuration:	600 kg/m³ As above
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	The	ermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw	Du	rability against freeze-th	aw:	Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dar	ingerous 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.	Not			only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	· E			of Performance JK/TH/6300407
			The undersigned, representing the following:	
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ	
BS E	N 771-4:2011		Confirms that:	
Hi Strenç	th 7 Trenchblock 12		Hi Strength 7 Trenchblock 12	
Category II, 440 x 255 x 215 mm	autoclaved aerated concrete masonry units	Conform	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 255 (mm) x 215 (mm)	)	Category II, 4	Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units	
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery tic Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 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 coefficient :	5/40			Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
Gross density:	730 ka/m <sup>3</sup>	Water vapour diffusion co	efficient: Fixed Value:	5/10
Configuration:	5	Direct airborne sound insu	Ilation:	
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]		Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Durability against freeze-thaw:	Resistant to Freeze Thaw	Thermal conductivity:		$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$
Durability against neeze-thaw. Dangerous Substances:	See Note	Durability against freeze-th	naw:	Resistant to Freeze Thaw
Jangerous Substances.	See NULE	Dangerous Substances:		See Note

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	ſ <del>ſ</del>			of Performance
			The undersigned, representing the following:	
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ	
BS E	N 771-4:2011		Confirms that:	
Hi Streng	th 7 Trenchblock 12		Hi Strength 7 Trenchblock 12	
Category II, 440 x 275 x 215 mm a	autoclaved aerated concrete masonry units		Conforms to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 275 (mm) x 215 (mm)		Cate	Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units	
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery	Provision to		andard: Annex ZA of BS EN 771-4:2011, System 4 equlation (EU): 305/2011
Configuration:	Solid	Dimensional toler	ances:	
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 tic Solid
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m	Compressive stre	ngth:	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 stab	ility:	
Flexural Bond Strength:	NPD	Shear Bond stren	Moisture Movement: gth:	
Reaction to fire:	Euroclass A1	Flexural Bond Str	Fixed value:	
Water Absorption:	NPD			NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption		NPD
Gross density:	730 kg/m <sup>3</sup>	Water vapour diff	usion coefficient: Fixed Value:	5/10
Configuration:	0	Direct airborne so	ound insulation:	
Ū.			Gross density: Configuration:	
Thermal conductivity:	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conducti		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 Subst	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

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	· F		I		f Performance K/TH/6300421
			The undersigned, representing the following:		presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		e, 14 Castle Hill, enhead,
BS EI	N 771-4:2011		Confirms that:		
Hi Streng	th 7 Trenchblock 12		Hi Strength 7 Trenchblock 12		
Category II, 440 x 300 x 215 mm a	autoclaved aerated concrete masonry units		Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 300 (mm) x 215 (mm)			Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimen	nsional tolerances:		
Compressive strength:	Mean 7.30 $\text{N/mm}^2$ [⊥ bed face, whole unit]. [Cat II]	Config	guration:	category:	GPLM (unless stated otherwise on the delivery tick Solid
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m	Comp	pressive 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>	Dimen	nsional stability:		
Flexural Bond Strength:	NPD	Shear	Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Elevur	ral Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD		-		NPD
Water vapour diffusion coefficient :		Reacti	tion to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water	absorption:		NPD
Gross density:	730 ka/m <sup>3</sup>	Water	vapour diffusion coe	fficient: Fixed Value:	5/10
,	0	Direct	t airborne sound insu	lation:	
Configuration:				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]	Therm	nal conductivity:	<u>-</u>	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durab	oility against freeze-th	aw:	Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dange	erous 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 Dange	erous substances will ex ZA3 of BS EN 771-4	only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	ſ E	De		f Performance K/TH/6300438
		г	The undersigned, representing the following:	
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ	
BS E	N 771-4:2011		Confirms that:	
Hi Strenç	ith 7 Trenchblock 12		Hi Strength 7 Trenchblock 12	
Category II, 440 x 355 x 215 mm	autoclaved aerated concrete masonry units	Conforms to t	the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 355 (mm) x 215 (mm	)	Category II, 440 x	Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units	
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery	Provision to which the proc		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 $\text{N/mm}^2$ [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery tic Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Mo Shear Bond strength:	oisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	Ū		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
Gross density:	730 ka/m <sup>3</sup>	Water vapour diffusion coeffic	ient: Fixed Value:	5/10
Configuration	ő	Direct airborne sound insulation	on:	
Thermal conductivity:			Gross density: Configuration:	730 kg/m <sup>3</sup> As above
-	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2] Resistant to Freeze Thaw	Thermal conductivity:		0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:		Durability against freeze-thaw:	:	Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dangerous Substances:		See Note

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	( F			of Performance JK/TH/6301169
			The undersigned, representing the following:	
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ	
BS	EN 771-4:2011		Confirms that:	
Hi Strer	ngth 7 Trenchblock 12		Hi Strength 7 Trenchblock 12	
Category II, 440 x 275 x 140 mn	a autoclaved aerated concrete masonry units	Conforms	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 275 (mm) x 140 (mr	n)	Category II, 4	Category II, 440 x 275 x 140 mm, autoclaved aerated concrete masonry units	
Dimensional tolerances: categor	GPLM (unless stated otherwise on the delivery	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery tic Solid
Dimension Stability: Moisture Movemen	t: Nominal 0.40 mm/m	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value	e: 0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	, , , , , , , , , , , , , , , , , , ,		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value Direct airborne sound insulation:	e: 5/10	Water absorption:		NPD
	$-720 kc/m^3$	Water vapour diffusion co		5/40
Gross densit		Direct airborne sound insu		5/10
Configuration			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:	eegaradon.	0.16 W/m.K [λ <sub>10,dry 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 substance appropriate form. See Annex ZA3 of BS EN	s will only be given when and where required in the			only be given when and where required in the

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

Signed on behalf of the manufacturer:

Position: Quality Manager



	( F			of Performance JK/TH/6301596
			The undersigned, representing the following:	
Hanson	Building Products Ltd House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ	
BS	EN 771-4:2011		Confirms that:	
Hi Stre	ngth 7 Trenchblock 12		Hi Strength 7 Trenchblock 12	
Category II, 440 x 300 x 140 m	n autoclaved aerated concrete masonry units	Conforms	to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 300 (mm) x 140 (m	m)	Category II, 4	Category II, 440 x 300 x 140 mm, autoclaved aerated concrete masonry units	
Dimensional tolerances: catego	GPLM (unless stated otherwise on the delivery	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery tic Solid
Dimension Stability: Moisture Moveme	nt: Nominal 0.40 mm/m	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value	e: 0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD			NPD
Water vapour diffusion coefficient :	-	Reaction to fire:		Euroclass A1
Fixed Valu	e: 5/10	Water absorption:		NPD
Gross densi	ty: 730 ka/m <sup>3</sup>	Water vapour diffusion coe	efficient: Fixed Value:	5/10
Configuratio	, .	Direct airborne sound insu	lation:	_
Thermal conductivity:	0.16 W/m.K [λ <sub>10.dry unit</sub> , S2]		Gross density: Configuration:	730 kg/m <sup>3</sup> As above
Durability against freeze-thaw:	Resistant to Freeze Thaw	Thermal conductivity:		$0.16 \text{ W/m.K } [\lambda_{10, dry \text{ unit}}, S2]$
		Durability against freeze-th	iaw:	Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dangerous Substances:		See Note

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

Signed on behalf of the manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager



(	۲ <b>۲</b>			HEIDELBERGCEMENT Grou DF Performance	
			The undersigned, representing the following:		
	uilding Products Ltd		<b>.</b> .	ding Products Ltd	
	ouse, 14 Castle Hill, laidenhead,		Hanson Hous	se, 14 Castle Hill,	
	SL6 4JJ	4 1		Jenhead, L6 4JJ	
BS E	EN 771-4:2011		Conf	irms that:	
Hi Streng	gth 7 Trenchblock 12		Hi Strength	7 Trenchblock 12	
Category II, 440 x 355 x 140 mm	autoclaved aerated concrete masonry units	Confo	rms to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 355 (mm) x 140 (mm	)	Category II	, 440 x 355 x 140 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances: category	GPLM (unless stated otherwise on the delivery	Provision to which t		andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
Configuration:	Solid	Dimensional tolerances			
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement	: Nominal 0.40 mm/m	Compressive strength:			
Shear Bond Strength: Fixed value		Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Flexural Bond Strength:	NPD		Moisture Movement:	Nominal 0.40 mm/m	
Reaction to fire:	Euroclass A1	Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>	
	NPD	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:	2	Water vapour diffusion			
Gross density	·	Direct airborne sound ir	Fixed Value:	5/10	
Configuration			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:	Comgutation.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze	e-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	s will only be given when and where required in the 771-4:2011.		ngerous substances will	only be given when and where required in the	

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

Signed on behalf of the manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager



	(	F			of Performance JK/TH/6300162
		The undersigned, representing the following:			
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, Jenhead,	
	BS EN 7	771-4:2011		Conf	irms that:
Hi Stre		enchblock T and G 12		Hi Strength 7 T	renchblock T and G 12
Category II, 440 x 255 x 21	15 mm aut	oclaved aerated concrete masonry units	Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 255 (mm) x 21	15 (mm)		Category II,	440 x 255 x 215 mm, a	utoclaved aerated concrete masonry units
Dimensional tolerances:		GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:		Solid	Dimensional tolerances:		
Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery tick Solid
Dimension Stability: Moisture Mov	/ement:	Nominal 0.40 mm/m	Compressive strength:		
Shear Bond Strength:		0.15 N/mm <sup>2</sup>	Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength:		NPD	2	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1	Shear Bond strength:	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	d Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:			Water vapour diffusion co	efficient:	
Gross d	density:	730 kg/m <sup>3</sup>	Direct airborne sound insi	Fixed Value:	5/10
Configu	uration:	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,drv unit,</sub> S2]
Durability against freeze-thaw:		Resistant to Freeze Thaw	Durability against freeze-t	haw:	
Dangerous Substances:		See Note			Resistant to Freeze Thaw
Note: Information on Dangerous subs	tances wi	Il only be given when and where required in the	Dangerous Substances: Note: Information on Dance	erous substances wil	See Note only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Co         Dimension Stability:       Moisture Movement:       Nominal 0.40 mm/m       Co         Shear Bond Strength:       Fixed value:       0.15 N/mm²       Dir         Flexural Bond Strength:       NPD       She         Reaction to fire:       Euroclass A1       Fle         Water Absorption:       NPD       Reaction to fire:	Category II, 44	Hanson Build Hanson Hous Maid SL Confi Hi Strength 7 Tr	oresenting the following: ing Products Ltd ie, 14 Castle Hill, enhead, .6 4JJ rms that: enchblock T and G 12 opean Standard: BS EN 771-4:2011
Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ BS EN 771-4:2011 Hi Strength 7 Trenchblock T and G 12 Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 275 (mm) x 215 (mm) Dimensional tolerances: category: ticket) Configuration: Configuration: Compressive strength: Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II] Dimension Stability: Moisture Movement: Nominal 0.40 mm/m Shear Bond Strength: Fixed value: 0.15 N/mm <sup>2</sup> Flexural Bond Strength: NPD Reaction to fire: Euroclass A1 Water Absorption: NPD Water vapour diffusion coefficient :	Category II, 44	Hanson Hous Maid SL Confi Hi Strength 7 Tr	e, 14 Castle Hill, enhead, 6 4JJ rms that: enchblock T and G 12
Hi Strength 7 Trenchblock T and G         12         Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units         Dimensions: 440 (mm) x 275 (mm) x 215 (mm)       GPLM (unless stated otherwise on the delivery ticket)         Dimensional tolerances:       GPLM (unless stated otherwise on the delivery ticket)         Configuration:       Solid         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]         Dimension Stability:       Moisture Movement:         Shear Bond Strength:       Nominal 0.40 mm/m         Fixed value:       0.15 N/mm²         Moles A1       Dimension Stability:         Fixed value:       0.15 N/mm²         More Absorption:       NPD         Reaction to fire:       Euroclass A1         Water Absorption:       NPD         Water vapour diffusion coefficient :       NPD	Category II, 44	Hi Strength 7 Tr	enchblock T and G 12
12         Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units         Dimensions: 440 (mm) x 275 (mm) x 215 (mm)         Dimensions: 440 (mm) x 275 (mm) x 215 (mm)         Dimensional tolerances:       GPLM (unless stated otherwise on the delivery ticket)         Configuration:       Solid         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]         Dimension Stability:       Moisture Movement:         Shear Bond Strength:       Nominal 0.40 mm/m         Flexural Bond Strength:       NPD         Reaction to fire:       NPD         Water Absorption:       NPD         Water vapour diffusion coefficient :       NPD	Category II, 44	to the Harmonised Eur	12
Dimensions: 440 (mm) x 275 (mm) x 215 (mm)       GPLM (unless stated otherwise on the delivery       Image: Configuration:       GPLM (unless stated otherwise on the delivery         Configuration:       Solid       Dimension Stability:       Image: Configuration:       Configuration:         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Image: Configuration:       Configuration:       Configuration:         Dimension Stability:       Moisture Movement:       Nominal 0.40 mm/m       Configuration:       Configuration:         Shear Bond Strength:       Fixed value:       0.15 N/mm²       Dimension       Dimension         Flexural Bond Strength:       NPD       Shear       Shear       Shear         Reaction to fire:       Euroclass A1       Flexural       Flexural Shear       Flexural Shear         Water Absorption:       NPD       Reaction to fire:       NPD       Reaction to fire:       Reaction to	Category II, 44		opean Standard: BS EN 771-4:2011
Dimensional tolerances:       GPLM (unless stated otherwise on the delivery ticket)         Configuration:       Solid         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]         Dimension Stability:       Moisture Movement:         Moisture Movement:       Nominal 0.40 mm/m         Shear Bond Strength:       0.15 N/mm²         Fixed value:       0.15 N/mm²         Flexural Bond Strength:       NPD         Reaction to fire:       Euroclass A1         Water Absorption:       NPD         Water vapour diffusion coefficient :       NPD		40 x 275 x 215 mm, au	
Dimensional tolerances:       GPLM (unless stated otherwise on the delivery ticket)         Configuration:       Solid         Compressive strength:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]         Dimension Stability:       Moisture Movement:         Moisture Movement:       Nominal 0.40 mm/m         Shear Bond Strength:       0.15 N/mm²         Flexural Bond Strength:       NPD         Reaction to fire:       Euroclass A1         Water Absorption:       NPD         Water vapour diffusion coefficient :       NPD	Provision to which the p		toclaved aerated concrete masonry units
Contriguration:       Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]       Co         Dimension Stability:       Moisture Movement:       Nominal 0.40 mm/m       Co         Shear Bond Strength:       Fixed value:       0.15 N/mm²       Dimension         Flexural Bond Strength:       NPD       Shear Shear       Shear         Reaction to fire:       Euroclass A1       Flexural Shear       Flexural Shear         Water Absorption:       NPD       Reaction to fifusion coefficient :       NPD			ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Dimension Stability:     Moisture Movement:     Nominal 0.40 mm/m     Co       Shear Bond Strength:     Fixed value:     0.15 N/mm²     Dir       Flexural Bond Strength:     NPD     Shear       Reaction to fire:     Euroclass A1     Flee       Water Absorption:     NPD     Reaction to fire:	Dimensional tolerances:		
Moisture Movement:     Nominal 0.40 mm/m     Co       Shear Bond Strength:     Fixed value:     0.15 N/mm²     Dir       Flexural Bond Strength:     NPD     Shear       Reaction to fire:     Euroclass A1     Flee       Water Absorption:     NPD     Reaction to fifusion coefficient :	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticke Solid
Fixed value:     0.15 N/mm²     Dir       Flexural Bond Strength:     NPD     Sh       Reaction to fire:     Euroclass A1     Fle       Water Absorption:     NPD     Reaction to fire:       Water vapour diffusion coefficient :     Euroclass A1     Fle	Compressive strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Reaction to fire:     Euroclass A1     Fle       Water Absorption:     NPD     Reaction to fifusion coefficient :	Dimensional stability:		
Water Absorption:     NPD       Water vapour diffusion coefficient :     Rei	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Water Absorption: NPD Water vapour diffusion coefficient :	exural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water vapour diffusion coefficient :	•		NPD
	Reaction to fire:		Euroclass A1
Fixed Value: 5/10 Wa Direct airborne sound insulation:	Vater absorption:		NPD
Gross density: 730 kg/m <sup>3</sup>	Vater vapour diffusion coe	fficient: Fixed Value:	5/10
	Direct airborne sound insul		730 kg/m <sup>3</sup>
Thermal conductivity: 0.16 W/m K (burner S2)		Configuration:	As above
Durability against freeze-thaw: Resistant to Freeze Thaw	hermal conductivity:		$0.16 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$
Du	Ourability against freeze-th	aw:	Resistant to Freeze Thaw
	Dangerous Substances:		See Note

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



					HEIDELBERGCEMENTGrou
(	' <b>F</b>				f Performance K/TH/6300186
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		e, 14 Castle Hill, enhead,
BS EN	771-4:2011			Confi	rms that:
Hi Strength 7	Frenchblock T and G 12			Hi Strength 7 Tr	enchblock T and G 12
Category II, 440 x 300 x 215 mm a	utoclaved aerated concrete masonry units		Conforms	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
<b>Dimensions:</b> 440 (mm) x 300 (mm) x 215 (mm)	-		Category II, 4	140 x 300 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	C	Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	c	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		Solid
Shear Bond Strength:					Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
Fixed value: Flexural Bond Strength:	0.15 N/mm <sup>2</sup> NPD		Dimensional stability:	Moisture Movement:	Nominal 0.40 mm/m
-		s	Shear Bond strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Reaction to fire:	Euroclass A1	F	Flexural Bond Strength:	. mod tardo.	NPD
Water Absorption: Water vapour diffusion coefficient :	NPD	F	Reaction to fire:		Euroclass A1
Fixed Value:	5/10	v	Water absorption:		NPD
Direct airborne sound insulation:		v	Water vapour diffusion co	efficient:	
Gross density:	730 kg/m <sup>3</sup>		-	Fixed Value:	5/10
Configuration:	As Above		Direct airborne sound insu	Gross density:	730 kg/m <sup>3</sup>
Thermal conductivity:	$0.16 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$		Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	Resistant to Freeze Thaw		Durability against freeze-th	naw.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note				Resistant to Freeze Thaw
	will only be given when and where required in the		Dangerous Substances: Note: Information on Dang	erous substances will	See Note only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	CE			of Performance JK/TH/6300193	
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
1	BS EN 771-4:2011		Conf	irms that:	
Hi Streng	gth 7 Trenchblock T and G 12		Hi Strength 7 T	renchblock T and G 12	
Category II, 440 x 355 x 215	mm autoclaved aerated concrete masonry units	Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 355 (mm) x 215	(mm)	Category II,	440 x 355 x 215 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery gory: ticket)	Provision to which the		andard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
Configuration:	Solid	Dimensional tolerances:			
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat	Configuration:	category:	GPLM (unless stated otherwise on the delivery tick Solid	
Dimension Stability: Moisture Moven	nent: Nominal 0.40 mm/m	Compressive strength:			
Shear Bond Strength:	ralue: 0.15 N/mm <sup>2</sup>	Dimensional stability:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Flexural Bond Strength:	NPD	,	Moisture Movement:	Nominal 0.40 mm/m	
Reaction to fire:	Euroclass A1	Shear Bond strength:	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 V	alue: 5/10	Water absorption:		NPD	
Direct airborne sound insulation:		Water vapour diffusion co	efficient:		
Gross der	nsity: 730 kg/m <sup>3</sup>	Direct airborne sound ins	Fixed Value:	5/10	
Configura	ation: As Above		Gross density:	730 kg/m <sup>3</sup>	
Thermal conductivity:	$0.16 \text{ W/m.K} [\lambda_{10,dry  unit,}  S2]$	Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]	
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-t	haw:	,	
Dangerous Substances:	See Note			Resistant to Freeze Thaw	
Note: Information on Dangarous substa	nces will only be given when and where required in t	Dangerous Substances: Note: Information on Dang	perous substances will	See Note only be given when and where required in the	

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	· E			of Performance JK/TH/6300018
		The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS E	N 771-4:2011		Confi	irms that:
Hi Strengt	h 7 Coursing Unit 12		Hi Strength	7 Coursing Unit 12
Category II, 215 x 100 x 65 mm a	utoclaved aerated concrete masonry units	Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 100 (mm) x 65 (mm)		Category II, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery tic Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 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>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	5		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
	$730 \text{ kg/m}^3$	Water vapour diffusion co		5/10
Gross density:	0	Direct airborne sound insu		5/10
Configuration:			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 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 appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4-2011	0		only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	<b>•</b>			of Performance JK/TH/6300025
		The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011		Confi	irms that:
Hi Strength	7 Coursing Unit 12		Hi Strength	7 Coursing Unit 12
Category II, 215 x 115 x 65 mm au	toclaved aerated concrete masonry units	Conforms	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 115 (mm) x 65 (mm)		Category II,	215 x 115 x 65 mm,au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 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>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	Ū		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
	7001 ( 3	Water vapour diffusion co		5/40
Gross density:	Ŭ	Direct airborne sound insu	Fixed Value:	5/10
Configuration:			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:	configuration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , 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.	, v		only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6300025

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	F			of Performance JK/TH/6300032
		The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS EN	771-4:2011		Confi	irms that:
Hi Strength	7 Coursing Unit 12		Hi Strength	7 Coursing Unit 12
Category II, 215 x 125 x 65 mm au	toclaved aerated concrete masonry units	Conforms	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 125 (mm) x 65 (mm)		Category II,	215 x 125 x 65 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.40 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 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	-		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
	730 ka/m <sup>3</sup>	Water vapour diffusion co		5/40
Gross density:	5	Direct airborne sound insu		5/10
Configuration:			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:	eega.adon.	0.16 W/m.K [λ <sub>10,dry unit</sub> , 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.			only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	<b>E</b>			of Performance JK/TH/6300049
		The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011		Confi	irms that:
Hi Strength	7 Coursing Unit 12		Hi Strength	7 Coursing Unit 12
Category II, 215 x 140 x 65 mm au	toclaved aerated concrete masonry units	Conforms	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 140 (mm) x 65 (mm)		Category II,	215 x 140 x 65 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 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>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	Ū		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
	7001 ( 3	Water vapour diffusion co		5/40
Gross density:	Ŭ	Direct airborne sound insu	Fixed Value:	5/10
Configuration:			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:	coniguration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , 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.	<u> </u>		only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



C	E				of Performance JK/TH/6300056
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		-	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BSEM	I 771-4:2011			Confi	irms that:
Hi Strengt	7 Coursing Unit 12		Hi Strength 7 Coursing Unit 12		
Category II, 215 x 150 x 65 mm at	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 150 (mm) x 65 (mm)			Category II,	215 x 150 x 65 mm,aut	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (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 ticke Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 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>		Dimensional stability:		
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD		-		NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD
	700 1-1-1-3		Water vapour diffusion co		540
Gross density:	5		Direct airborne sound insu		5/10
Configuration:				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:	ee.inguration.	0.16 W/m.K [λ <sub>10,dry unit,</sub> S2]
Durability against freeze-thaw:	NPD		Durability against freeze-tl	naw:	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.		8		only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	<b>F</b>			f Performance IK/TH/6301114
			presenting the following:	
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS EN	771-4:2011		Confi	rms that:
Hi Strength	7 Coursing Block 12			Coursing Block 12
Category II, 440 x 100 x 65 mm au	toclaved aerated concrete masonry units	Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 65 (mm)		Category II, 440 x 100 x 65 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 7.30 $\textrm{N/mm}^{\textrm{2}}$ [ ${\scriptstyle \pm}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery tic Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 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>	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	Ū		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorption:		NPD
	700 hr/m <sup>3</sup>	Water vapour diffusion co		540
Gross density:	730 kg/m <sup>3</sup>	Direct airborne sound insu		5/10
Configuration:			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:	configuration.	0.16 W/m.K [λ <sub>10,dry unit,</sub> 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	<u> </u>		only be given when and where required in the

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

Signed on behalf of the manufacturer:

Position: Quality Manager



(	F				of Performance JK/TH/6301121
				The undersigned, re	presenting the following:
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		-	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011			Conf	irms that:
Hi Strength	7 Coursing Block 12			Hi Strength 7	Coursing Block 12
Category II, 440 x 115 x 65 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 115 (mm) x 65 (mm)			Category II,	440 x 115 x 65 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 7.30 $\text{N/mm}^2$ [ $\scriptscriptstyle \perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery tic Solid
Dimension Stability: Moisture Movement:	Nominal 0.40 mm/m		Compressive strength:		
Shear Bond Strength:					Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Fixed value: Flexural Bond Strength:	0.15 N/mm <sup>2</sup> NPD		Dimensional stability:	Moisture Movement:	Nominal 0.40 mm/m
-			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: Direct airborne sound insulation:	5/10		Water absorption:		NPD
	730 kg/m <sup>3</sup>		Water vapour diffusion co		5/40
Gross density:	0		Direct airborne sound insu		5/10
Configuration:				Gross density: Configuration:	730 kg/m³ 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-th	haw:	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 1-4:2011.	J			only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6301121

The performance of the product identified above is in conformity with 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	( f		De		f Performance K/TH/6301138
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		e, 14 Castle Hill, enhead,
BS El	N 771-4:2011			Confi	rms that:
Hi Strength	7 Coursing Block 12				Coursing Block 12
Category II, 440 x 140 x 65 mm a	utoclaved aerated concrete masonry units		Conforms to	the Harmonised Euro	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 140 (mm) x 65 (mm)			Category II, 440	) x 140 x 65 mm, aut	oclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provisio	on to which the pro		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional	I tolerances:		
Compressive strength:	Mean 7.30 $\textrm{N/mm}^{\textrm{2}}$ [ $\!\!\!\perp$ bed face, whole unit]. [Cat II]	Configuratio	on:	category:	GPLM (unless stated otherwise on the delivery t Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 mm/m	Compressive	e strength:		Mean 7.30 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat
Fixed value:	0.15 N/mm <sup>2</sup>	Dimensional			
Flexural Bond Strength:	NPD	Shear Bond		loisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bon	- nd Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD				NPD
Water vapour diffusion coefficient :		Reaction to f	fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10	Water absorp	ption:		NPD
	700 4 / 3	Water vapou	ur diffusion coeffic		5/40
Gross density:	0	Direct airbor	rne sound insulati		5/10
Configuration:				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 con	nductivity:	comgaration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability ag	gainst freeze-thaw	<i>ı</i> :	NPD
Dangerous Substances:	See Note	Dangerous S	-		NPD See Note
Note: Information on Dangerous substances	will only be given when and where required in the			ous substances will	only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



(	(				of Performance IK/TH/6301626
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS EN	1771-4:2011			Confi	rms that:
Hi Strength	7 Coursing Block 12				Coursing Block 12
Category II, 440 x 150 x 65 mm au	toclaved aerated concrete masonry units		Conform	s to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 150 (mm) x 65 (mm)			Category II,	440 x 150 x 65 mm, aut	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (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 ticke Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.40 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>		Dimensional stability:		
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD		U U		NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD
	700 hr /m <sup>3</sup>		Water vapour diffusion co		5/40
Gross density:	730 kg/m <sup>3</sup>		Direct airborne sound insu		5/10
Configuration:				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:	Configuration.	0.16 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD		Durability against freeze-th	naw:	
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				only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	( <del>(</del>			of Performance
		The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BSI	N 771-4:2011		Cor	firms that:
Ca	oursing Unit 12		Cou	rsing Unit 12
Category II, 215 x 100 x 65 mm	autoclaved aerated concrete masonry units	Conform	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 100 (mm) x 65 (mm)		Category II,	215 x 100 x 65 mm,a	utoclaved aerated concrete masonry units
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:		
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery tic Solid
Dimension Stability: Moisture Movement	: Nominal 0.40 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:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm <sup>2</sup>
Water Absorption:	NPD	-		NPD
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1
Fixed Value Direct airborne sound insulation:	: 5/10	Water absorption:		NPD
	. 600 km/m <sup>3</sup>	Water vapour diffusion co		5/40
Gross density	C C	Direct airborne sound insu		
Configuration			Gross density: Configuration:	
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	connguration.	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-thaw:	NPD	Durability against freeze-th	haw:	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.			Il only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	E			of Performance
		The undersigned, representing the following:			
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		buse, 14 Castle Hill, aidenhead,	
	BS EN	771-4:2011		Co	nfirms that:
	Cour	sing Unit 12		Co	ursing Unit 12
Category II, 21	5 x 115 x 65 mm aut	toclaved aerated concrete masonry units	Conform	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 115	5 (mm) x 65 (mm)		Category II,	215 x 115 x 65 mm,	autoclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration:		Solid	Dimensional tolerances:		
Compressive strength:		Mean 2.9 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	category	<ul> <li>GPLM (unless stated otherwise on the delivery ticket) Solid</li> </ul>
	oisture Movement:	Nominal 0.40 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:		
Flexural Bond Strength:		NPD	Shear Bond strength:	Moisture Movemen	t: Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value	
Water Absorption:		NPD	-		NPD
Water vapour diffusion coef			Reaction to fire:		Euroclass A1
Direct airborne sound insula	Fixed Value:	5/10	Water absorption:		NPD
Direct all borne Sound INSUI		600 kg/m <sup>3</sup>	Water vapour diffusion co		
	Gross density:	600 kg/m <sup>3</sup>	Direct airborne sound insu		
<b></b>	Configuration:	As Above		Gross density Configuration	
Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity:	_ sgu.dior	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Durability against freeze-tha	aw:	NPD	Durability against freeze-th	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 1-4:2011.			ill only be given when and where required in the

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

Signed on behalf of the manufacturer:

As la lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	]			of Performance
			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		_	Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		use, 14 Castle Hill, idenhead,
	3S EN 771-4:2011			Cor	firms that:
	Coursing Unit 12			Cou	rsing Unit 12
Category II, 215 x 125 x 65	nm autoclaved aerated concrete masonry units		Conforms	s to the Harmonised E	uropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 125 (mm) x 65 (	nm)		Category II,	215 x 125 x 65 mm,a	utoclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery gory: ticket)		Provision to which the		andard: Annex ZA of BS EN 771-4:2011, System 4 equlation (EU): 305/2011
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Mover	nent: Nominal 0.40 mm/m		Compressive strength:		Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed v	alue: 0.15 N/mm <sup>2</sup>		Dimensional stability:		
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	
Water Absorption:	NPD		_		NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fixed V Direct airborne sound insulation:	alue: 5/10		Water absorption:		NPD
Gross de	nsity: 600 kg/m <sup>3</sup>		Water vapour diffusion co	efficient: Fixed Value:	5/10
Configura			Direct airborne sound insu		
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]		-	Configuration:	0
Durability against freeze-thaw:	NPD		Thermal conductivity:		$0.13 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$
Dangerous Substances:	See Note		Durability against freeze-th	naw:	NPD
-			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 Dang appropriate form. See Ann	erous substances wi ex ZA3 of BS EN 771	II 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 lathering Full name: Carl Cuthbert

Position: Quality Manager



(	E			of Performance NUK/TH/6300131
		The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BSEM	l 771-4:2011		Co	onfirms that:
Cou	rsing Unit 12		Co	ursing Unit 12
Category II, 215 x 140 x 65 mm at	toclaved aerated concrete masonry units	Conforms	s to the Harmonised	European Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 140 (mm) x 65 (mm)		Category II, 2	215 x 140 x 65 mm,	autoclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the		Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	categor	<li>GPLM (unless stated otherwise on the delivery ticket) Solid</li>
Dimension Stability: Moisture Movement:	Nominal 0.40 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:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movemen	t: Nominal 0.40 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value	
Water Absorption:	NPD	-		NPD
Water vapour diffusion coefficient :		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 coe	efficient: Fixed Value	e: 5/10
Configuration:	<b>v</b>	Direct airborne sound insu		
Thermal conductivity:	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	Thermal conductivity	Configuration	6
Durability against freeze-thaw:	NPD	Thermal conductivity:		0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]
Dangerous Substances:	See Note	Durability against freeze-th	naw:	NPD
-		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.	Note: Information on Dang appropriate form. See Ann		vill only be given when and where required in the 1-4:2011.

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 lathering Full name: Carl Cuthbert

Position: Quality Manager



	(	F			of Performance
		The undersigned, representing the following:			
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		ouse, 14 Castle Hill, laidenhead,	
	BS EN	771-4:2011		С	onfirms that:
	Cour	sing Unit 12		Co	pursing Unit 12
Category II, 215 x 150 >	x 65 mm aut	oclaved aerated concrete masonry units	Conform	s to the Harmonised	European Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 150 (mm) x	65 (mm)		Category II,	215 x 150 x 65 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:		
Compressive strength:		Mean 2.9 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	Configuration:	categor	<li>gPLM (unless stated otherwise on the delivery ticke Solid</li>
Dimension Stability: Moisture M	lovement:	Nominal 0.40 mm/m	Compressive strength:		Soliu Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fix	xed value:	0.15 N/mm <sup>2</sup>	Dimensional stability:		
Flexural Bond Strength:		NPD	Shear Bond strength:	Moisture Movemer	nt: Nominal 0.40 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed valu	e: 0.15 N/mm <sup>2</sup>
Water Absorption:		NPD	_		NPD
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1
Fix Direct airborne sound insulation:	ed Value:	5/10	Water absorption:		NPD
	a donaitur	600 kg/m <sup>3</sup>	Water vapour diffusion co		o: 5/10
		600 kg/m <sup>3</sup>	Direct airborne sound insu		
	figuration:	As Above		Gross densit Configuratio	
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-tl	haw:	NPD
Dangerous Substances:		See Note	Dangerous Substances:		See Note
Note: Information on Dangerous su appropriate form. See Annex ZA3 of		ill only be given when and where required in the -4:2011.			will only be given when and where required in the

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

Signed on behalf of the manufacturer:

as la lathering Full name: Carl Cuthbert

Position: Quality Manager



		1 F			
CE			De		of Performance JK/TH/6300445
13333			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS EN	771-4:2011			Confi	irms that:
Hi Si	trength 10 12			Hi Sti	rength 10 12
13333-	-CPD-00149		Conforms to the	ne Harmonised Eur	ropean Standard: BS EN 771-4:2011
Category I, 440 x 100 x 215 mm au	toclaved aerated concrete masonry units		Category I, 440 x	100 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 100 (mm) x 215 (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:		
Configuration:	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/mm² [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	isture Movement:	Nominal 0.50 mm/m
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:		
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: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD
Fixed Value:	5/10		Water vapour diffusion coefficie	ent: Fixed Value:	5/10
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulatio	n: Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above		Thermal conductivity:	Configuration:	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:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerou		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. The performance of the product identified above is in conformity with the decla accordance with the manufacturer's instructions and general purpose or lightweig				in conformity with the declared values, when installed in	

Date: 14 November 2013

Full name: Carl Cuthbert

As la lathlering



		1 F			HEIDELBERGCEMENTGroup	
CE			De		of Performance JK/TH/6300469	
13333			The undersigned, representing the following:			
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011			Confi	irms that:	
Hi Si	trength 10 12			Hi Sti	rength 10 12	
13333-	-CPD-00149		Conforms to the	ne Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Category I, 440 x 140 x 215 mm au	toclaved aerated concrete masonry units		Category I, 440 x	140 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 140 (mm) x 215 (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:			
Configuration:	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/mm² [⊥ bed face, whole unit]. [Cat I]	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	isture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:			
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: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD	
Fixed Value:	5/10		Water vapour diffusion coefficie	ent: Fixed Value:	5/10	
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulatio	Gross density:	770 kg/m <sup>3</sup>	
Configuration:	As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Thermal conductivity:	$0.17 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$		Durability against freeze-thaw:		NPD	
Durability against freeze-thaw:	NPD		Dangerous Substances:		See Note	
Dangerous Substances:	See Note		Note: Information on Dangerou		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. The performance of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose of the product identified above is in conformity with accordance with the manufacturer's instructions and general purpose				in conformity with the declared values, when installed in		

Date: 14 November 2013

Full name: Carl Cuthbert

As la lathlering



		1 F			
CE			De		of Performance JK/TH/6300476
13333			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ				Hanson Hous Maic	ting Products Ltd se, 14 Castle Hill, lenhead, .6 4JJ
BS EN	771-4:2011			Confi	rms that:
Hi Si	trength 10 12			Hi Sti	rength 10 12
13333-	-CPD-00149		Conforms to the	ne Harmonised Eur	ropean Standard: BS EN 771-4:2011
Category I, 440 x 150 x 215 mm au	Itoclaved aerated concrete masonry units		Category I, 440 x	150 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 150 (mm) x 215 (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:		
Configuration:	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/mm² [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	isture Movement:	Nominal 0.50 mm/m
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:		
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: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD
Fixed Value:	5/10		Water vapour diffusion coefficient	ent: Fixed Value:	5/10
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulatio	Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ <sub>10.dry unit</sub> , S2]
Thermal conductivity:	$0.17 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$		Durability against freeze-thaw:		NPD
Durability against freeze-thaw:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerou		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. The performance of the product identified above is in conformity with the declared valu accordance with the manufacturer's instructions and general purpose or lightweight morta				in conformity with the declared values, when installed in	

Date: 14 November 2013

Full name: Carl Cuthbert

As la latherer



		1 F			
CE			De		of Performance JK/TH/6300483
13333			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011			Confi	irms that:
Hi Si	trength 10 12			Hi Sti	rength 10 12
13333-	-CPD-00149		Conforms to the	ne Harmonised Eur	ropean Standard: BS EN 771-4:2011
Category I, 440 x 190 x 215 mm au	toclaved aerated concrete masonry units		Category I, 440 x	190 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 190 (mm) x 215 (mm)			Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System Regulation (EU): 305/2011		
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		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> [ $\perp$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	isture Movement:	Nominal 0.50 mm/m
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:		
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: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD
Fixed Value:	5/10		Water vapour diffusion coefficie	ent: Fixed Value:	5/10
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulatio	n: Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above		Thermal conductivity:	Configuration:	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:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerou		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. The performance of the product identified above is in conformity with the accordance with the manufacturer's instructions and general purpose or light				in conformity with the declared values, when installed in	

Date: 14 November 2013

Full name: Carl Cuthbert

all la lathere



		1 F			
CE			De		of Performance JK/TH/6300490
13333			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		se, 14 Castle Hill, lenhead,
BS EN	771-4:2011			Confi	irms that:
Hi St	trength 10 12			Hi Sti	rength 10 12
13333-	-CPD-00149		Conforms to the	ne Harmonised Eur	ropean Standard: BS EN 771-4:2011
Category I, 440 x 200 x 215 mm au	toclaved aerated concrete masonry units		Category I, 440 x	200 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 200 (mm) x 215 (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:		
Configuration:	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/mm² [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	· · · · ·	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Mo Shear Bond strength:	isture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Flexural Bond Strength:	Fixed value:	0.15 N/mm² NPD
Reaction to fire:	Euroclass A1		Reaction to fire:		Euroclass A1
Water Absorption: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD
Fixed Value:	5/10		Water vapour diffusion coeffici	ent: Fixed Value:	5/10
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulatio		770 kg/m <sup>3</sup>
Configuration:	As Above		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] NPD
Durability against freeze-thaw:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		Note: Information on Dangerou		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. The performance of the product identified above is in conformity with the accordance with the manufacturer's instructions and general purpose or light.				in conformity with the declared values, when installed in	

Date: 14 November 2013

Full name: Carl Cuthbert

As la lathlering



		1 F			
CE			Declaration of Performance DOP/HANUK/TH/6300506		
13333			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011			Confi	rms that:
Hi Si	trength 10 12			Hi Sti	rength 10 12
13333-	-CPD-00149		Conforms to the	ne Harmonised Eur	ropean Standard: BS EN 771-4:2011
Category I, 440 x 215 x 215 mm au	Itoclaved aerated concrete masonry units		Category I, 440 x	215 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 215 (mm) x 215 (mm) 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 2+ Regulation (EU): 305/2011		
category:	GPLM (unless stated otherwise on the delivery ticket)		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> [ $\perp$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	isture Movement:	Nominal 0.50 mm/m
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:		
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: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD
Fixed Value:	5/10		Water vapour diffusion coeffici	ent: Fixed Value:	5/10
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulatio	Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]
Thermal conductivity:	$0.17 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$		Durability against freeze-thaw:		NPD
Durability against freeze-thaw: NPD			Dangerous Substances:		See Note
Dangerous Substances:	See Note				only be given when and where required in the
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.	'	The performance of the product	identified above is	in conformity with the declared values, when installed in general purpose or lightweight mortars.

Date: 14 November 2013

Full name: Carl Cuthbert

As la lathlering



						HEIDELBERGCEMENTGroup
CE			De		of Performance JK/TH/6300513	
13333			The undersigned, representing the following:			
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
	BS EN	I 771-4:2011			Confi	irms that:
	Hi S	trength 10 12			Hi Str	rength 10 12
	13333	-CPD-00149		Conforms to	the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Category I, 440 x 275 x 2	215 mm ai	utoclaved aerated concrete masonry units		Category I, 440	x 275 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 275 (mm) x 215 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery			Provision to which the proc	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011		
	category:	ticket)		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> [ $\perp$ 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 Mo Shear Bond Strength:	ovement:	Nominal 0.50 mm/m		Dimensional stability:	loisture Movement:	Nominal 0.50 mm/m
	ed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:		
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: Water vapour diffusion coefficient :		NPD		Water absorption:		NPD
	ed Value:	5/10		Water vapour diffusion coeffic	<b>cient:</b> Fixed Value:	5/10
	density:	770 kg/m <sup>3</sup>		Direct airborne sound insulat	Gross density:	770 kg/m <sup>3</sup>
Confi	guration:	As Above		Thermal conductivity:	Configuration:	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	<i>ı</i> :	NPD
Durability against freeze-thaw: NPD			Dangerous Substances:		See Note	
Dangerous Substances:		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. The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.						

Date: 14 November 2013

Full name: Carl Cuthbert

As la lathlering



		1 F				
CE			Declaration of Performance DOP/HANUK/TH/6300520			
13333			The undersigned, representing the following:			
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
BS EN	771-4:2011			Conf	irms that:	
Hi St	rength 10 12			Hi Sti	rength 10 12	
13333-	-CPD-00149		Conforms to the	ne Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Category I, 440 x 300 x 215 mm au	toclaved aerated concrete masonry units		Category I, 440 x	300 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 300 (mm) x 215 (mm) 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 2+ Regulation (EU): 305/2011			
category:	GPLM (unless stated otherwise on the delivery ticket)		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> [ $\perp$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	isture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:			
Flexural Bond Strength:	NPD		Flexural Bond Strength:	Fixed value:	0.15 N/mm² NPD	
Reaction to fire:	Euroclass A1		Reaction to fire:		Euroclass A1	
Water Absorption: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD	
Fixed Value:	5/10		Water vapour diffusion coefficie	ent: Fixed Value:	5/10	
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulatio	Gross density:	770 kg/m <sup>3</sup>	
Configuration:	As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Thermal conductivity:	$0.17 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$		Durability against freeze-thaw:		NPD	
Durability against freeze-thaw:	NPD		Dangerous Substances:		See Note	
Dangerous Substances:	See Note				only be given when and where required in the	
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.		The performance of the product	identified above is	s in conformity with the declared values, when installed in general purpose or lightweight mortars.	

Date: 14 November 2013

Full name: Carl Cuthbert

As la lathlering



		1 F				
CE			Declaration of Performance DOP/HANUK/TH/6300445			
13333			The undersigned, representing the following:			
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
BS EN	771-4:2011			Confi	rms that:	
Hi Si	trength 10 12			Hi Sti	ength 10 12	
13333-	-CPD-00149		Conforms to the	he Harmonised Eur	opean Standard: BS EN 771-4:2011	
Category I, 440 x 355 x 215 mm au		Category I, 440 x	355 x 215 mm, au	toclaved aerated concrete masonry units		
Dimensions: 440 (mm) x 355 (mm) x 215 (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:		× · · · ·	
Configuration:	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/mm² [⊥ bed face, whole unit]. [Cat I]	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	isture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:			
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: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD	
Fixed Value:	5/10		Water vapour diffusion coeffici	ent: Fixed Value:	5/10	
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulatio	Gross density:	770 kg/m <sup>3</sup>	
Configuration:	As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ <sub>10.dry unit</sub> S2]	
Thermal conductivity:	$0.17 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$		Durability against freeze-thaw:		NPD	
Durability against freeze-thaw: NPD			Dangerous Substances:		See Note	
Dangerous Substances:	See Note				only be given when and where required in the	
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.	'	The performance of the product	identified above is	in conformity with the declared values, when installed in general purpose or lightweight mortars.	

Date: 14 November 2013

Full name: Carl Cuthbert

As la lathlering



		1 F			HEIDELBERGCEMENTGroup
CE			Declaration of Performance DOP/HANUK/TH/6301466		
13333			The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
BS EN	771-4:2011			Confi	irms that:
Hi Si	trength 10 12			Hi Str	rength 10 12
13333	-CPD-00149		Conforms to the	ne Harmonised Eur	ropean Standard: BS EN 771-4:2011
Category I, 440 x 275 x 140 mm au	Itoclaved aerated concrete masonry units		Category I, 440 x	275 x 140 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 275 (mm) x 140 (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:		
Configuration:	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/mm² [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Dimensional stability:	isture Movement:	Nominal 0.50 mm/m
Shear Bond Strength: Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:		
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: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD
Fixed Value:	5/10		Water vapour diffusion coefficie	ent: Fixed Value:	5/10
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulatio	Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]
Thermal conductivity:	$0.17 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$		Durability against freeze-thaw:		NPD
Durability against freeze-thaw: NPD			Dangerous Substances:		See Note
Dangerous Substances:	See Note				only be given when and where required in the
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.		The performance of the product	identified above is	a conformity with the declared values, when installed in I general purpose or lightweight mortars.

Date: 14 November 2013

Full name: Carl Cuthbert

As la lathlering



Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead,			Declaration of Performance DOP/HANUK/TH/6301565 The undersigned, representing the following: Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead,			
	SL6 4JJ			SL6 4JJ Confirms that:		
BS E	N 771-4:2011					
Hi S	Strength 10 12			Hi Sti	rength 10 12	
1333:	3-CPD-00149		Conforms to the	e Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Category I, 215 x 100 x 65 mm at	utoclaved aerated concrete masonry units		Category I, 215 x 2	100 x 65 mm, au	toclaved aerated concrete masonry units	
Dimensions: 215 (mm) x 100 (mm) x 65 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery			Provision to which the produc		ndard: Annex ZA of BS EN 771-4:2011, System 2+ gulation (EU): 305/2011	
category:			Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Configuration:	Solid		Configuration:	category.	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: Shear Bond Strength:	Nominal 0.50 mm/m		Dimensional stability:	sture Movement:	Nominal 0.50 mm/m	
Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:			
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: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD	
Fixed Value: Direct airborne sound insulation:	5/10		Water vapour diffusion coefficie	Fixed Value:	5/10	
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulation	: Gross density:	770 kg/m <sup>3</sup>	
Configuration:	As Above		Thermal conductivity:	Configuration:	As above	
Thermal conductivity:	$0.17 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S2]$		Durability against freeze-thaw:		0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability against freeze-thaw: NPD					NPD See Note	
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 appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.	J	The performance of the product in	dentified above is		

Date: 14 November 2013

Full name: Carl Cuthbert

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Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead,			Declaration of Performance DOP/HANUK/TH/6301602 The undersigned, representing the following: Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ		
	SL6 4JJ				irms that:
BS EI	N 771-4:2011				
Hi S	trength 10 12			Hi Sti	rength 10 12
13333	3-CPD-00149		Conforms to the	e Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category I, 215 x 140 x 65 mm at	toclaved aerated concrete masonry units		Category I, 215 x	140 x 65 mm,au	toclaved aerated concrete masonry units
			ndard: Annex ZA of BS EN 771-4:2011, System 2+ gulation (EU): 305/2011		
category:	ticket)		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid		Configuration:	oalogory.	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: Shear Bond Strength:	Nominal 0.50 mm/m		Dimensional stability:	sture Movement:	Nominal 0.50 mm/m
Fixed value:	0.15 N/mm <sup>2</sup>		Shear Bond strength:		
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: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD
Fixed Value: Direct airborne sound insulation:	5/10		Water vapour diffusion coefficie	Fixed Value:	5/10
Gross density:	770 kg/m <sup>3</sup>		Direct airborne sound insulation	Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above		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-thaw: NPD					NPD See Note
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 appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.		The performance of the product in	dentified above is	

Date: 14 November 2013

Full name: Carl Cuthbert

As la lathlering



		7			HEIDELBERGCEMENTGroup	
CE			Dee		of Performance JK/TH/6301619	
13333			Tł	The undersigned, representing the following:		
Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			Hanson Building Products Ltd Hanson House, 14 Castle Hill, Maidenhead, SL6 4JJ			
	BS EN 771-4:2011			Conf	irms that:	
	Hi Strength 10 12			Hi St	rength 10 12	
	13333-CPD-00149		Conforms to th	e Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Category I, 215 x 150 x 65 r	nm autoclaved aerated concrete masonry units		Category I, 215 x	150 x 65 mm, au	toclaved aerated concrete masonry units	
Dimensions: 215 (mm) x 150 (mm) x 65 (r		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011				
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery gory: ticket)		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> [ $\perp$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]	
Dimension Stability: Moisture Mover Shear Bond Strength:	nent: Nominal 0.50 mm/m		Dimensional stability:	sture Movement:	Nominal 0.50 mm/m	
Fixed v	alue: 0.15 N/mm <sup>2</sup>		Shear Bond strength:		<u>^</u>	
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: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD	
Fixed V Direct airborne sound insulation:	alue: 5/10		Water vapour diffusion coefficie	ent: Fixed Value:	5/10	
Gross der	nsity: 770 kg/m <sup>3</sup>		Direct airborne sound insulation		770 kg/m <sup>3</sup>	
Configura	, .		Thermal conductivity:	Configuration:	As above	
Thermal conductivity:	$0.17 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}}, S2\right]$		Durability against freeze-thaw:		0.17 W/m.K [λ <sub>10,dry unit</sub> , S2]	
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			
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.			identified above is	<b>4:2011.</b> s in conformity with the declared values, when installed d general purpose or lightweight mortars.	

Date: 14 November 2013

Full name: Carl Cuthbert

As la lathlering