

Forterra Building Products Limited 5 Grange Park Court Roman Way Northampton NN4 5EA

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Yours sincerely,

As la lathere

Carl Cuthbert Head of Quality and Clay Services Forterra Building Products Limited

(Dec		f Performance IK/TH/6300919		
			The undersigned, representing the following:			
5 Grange Par	ling Products Limited k Court, Roman Way ıpton, NN4 5EA		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS E	N 771-4:2011			Confi	rms that:	
	Turbo 12			т	urbo 12	
Category II 440 x 100 x 215 mm a	nutoclaved aerated concrete masonry units		Conforms to the	Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 100 (mm) x 215 (mm)			Category II, 440 x 1	00 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	ootogon "	CDI M (upless stated athenuise on the delivery ticket)	
Compressive strength:	Mean 2.90 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.90 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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:	470 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration:	5		Direct airborne sound insulation:	: Gross density:	470 ka/m ³	
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit,} S2]		Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	NPD				0.10 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD	
			Dangerous Substances: Note: Information on Dangerous	substances will	See Note only be given when and where required in the	
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.	J I	appropriate form. See Annex ZA3			

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

The performance of the product 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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

(Dec		of Performance JK/TH/6300933		
			The undersigned, representing the following:			
5 Grange Park	ing Products Limited Court, Roman Way pton, NN4 5EA		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS EN	1771-4:2011			Confi	irms that:	
	Turbo 12			т	urbo 12	
Category II 440 x 115 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 115 (mm) x 215 (mm)			Category II, 440 x 1	15 x 215 mm, au	toclaved 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:	ootogon <i>r</i>	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 2.90 $\textrm{N/mm}^{\textrm{2}}$ [$_{\textrm{L}}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :	540				Euroclass A1	
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD	
Gross density:	470 ka/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration:	0		Direct airborne sound insulation:	: Gross density:	470 kg/m ³	
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	NPD		-		0.10 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD	
			Dangerous Substances:	substances will	See Note only be given when and where required in the	
Note: Information on Dangerous substances of appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	J I	appropriate form. See Annex ZA3	3 of BS EN 771-4	1:2011.	

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

The performance of the product 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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

C	E	Dec		of Performance IK/TH/6300957	
	The undersigned, representing the following:				
5 Grange Park	ing Products Limited Court, Roman Way pton, NN4 5EA	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS EN	I 771-4:2011		Confi	rms that:	
	Turbo 12		т	urbo 12	
Category II 440 x 125 x 215 mm a	utoclaved aerated concrete masonry units	Conforms to the	Harmonised Eur	opean Standard: BS EN 771-4:2011	
		Category II, 440 x 12	25 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 125 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid	Dimensional tolerances:		× , ,	
Compressive strength:	Mean 2.90 $\textrm{N/mm}^{\textrm{2}}$ [$_{\textrm{L}}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	NPD	Moist Shear Bond strength:	ure Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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:	470 ka/m ³	Water vapour diffusion coefficien	it: Fixed Value:	5/10	
	0	Direct airborne sound insulation:			
, i i i i i i i i i i i i i i i i i i i			Gross density: Configuration:	470 kg/m ³ As above	
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:		0.10 W/m.K [λ _{10,dry unit,} S2]	
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		NPD	
Dangerous Substances:	See Note	Dangerous Substances:	-	See Note	
Note: Information on Dangerous substances was 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 Dangerous appropriate form. See Annex ZA3		only be given when and where required in the I:2011.	

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

The performance of the product 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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

(Dec		f Performance K/TH/6300971		
	The undersigned, representing the following:				
Forterra Building 5 Grange Park Co Northamptor	ourt, Roman Way	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS EN 77	71-4:2011		Confi	rms that:	
Tur 1:				urbo 12	
Category II, 440 x 130 x 215 mm autor	claved aerated concrete maconny units	Conforms to the	Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 130 (mm) x 215 (mm)		Category II, 440 x 1	30 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances: G	GPLM (unless stated otherwise on the delivery icket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid	Dimensional tolerances:	ootogon/;	CPI M (unloss stated attenuing on the delivery ticket)	
Compressive strength: N	Mean 2.90 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value: 0	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength: N	NPD	Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient : Fixed Value: 5	5/10	Water absorption:		Euroclass A1	
Direct airborne sound insulation:				NPD	
Gross density: 4	170 kg/m ³	Water vapour diffusion coefficier	Fixed Value:	5/10	
Configuration: A	As Above	Direct airborne sound insulation:	Gross density:	470 kg/m ³	
Thermal conductivity: 0	0.10 W/m.K [λ _{10,dry unit,} S2]	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		0.10 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances: S	See Note			NPD	
Note: Information on Dangerous substances will appropriate form. See Annex ZA3 of BS EN 771-4		Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA3		See Note only be given when and where required in the :2011.	

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

The performance of the product 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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

(Dec		f Performance		
	The undersigned, representing the following:				
5 Grange Par	ling Products Limited k Court, Roman Way npton, NN4 5EA	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS EI	N 771-4:2011		Confi	rms that:	
	Turbo 12		т	urbo 12	
Category II 440 x 140 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 140 (mm) x 215 (mm)		Category II, 440 x 1	40 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid	Dimensional tolerances:	ootogon <i>r</i>	CPI M (uplose stated athenuise on the delivery ticket)	
Compressive strength:	Mean 2.90 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	NPD	Mois Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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:	470 kg/m ³	Water vapour diffusion coefficier	Fixed Value:	5/10	
Configuration:	As Above	Direct airborne sound insulation	: Gross density:	470 kg/m ³	
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		0.10 W/m.K [$\lambda_{10,dry unit}$, S2]	
Dangerous Substances:	See Note			NPD	
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.	Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA3		See Note only be given when and where required in the b:2011.	

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

The performance of the product 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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

CE				DOP/HANU	of Performance IK/TH/6300995	
			The undersigned, representing the following:			
5 Grange	e Park Č	Products Limited ourt, Roman Way n, NN4 5EA	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
E	S EN 7	71-4:2011		Confi	rms that:	
		rbo 2		т	urbo 12	
Catagony II 440 x 150 x 215	nm auto	claved aerated concrete masonry units	Conforms to the	Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 150 (mm) x 215 (claved actated concrete masoning units	Category II, 440 x 1	50 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances: categ		GPLM (unless stated otherwise on the delivery iicket)	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:	I	Mean 2.90 N/mm ² [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movem	ent: I	Nominal 0.50 mm/m	Compressive strength:		Solid Mean 2.90 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed va	lue: (0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	1	NPD	Mois Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD	Ũ		NPD	
Water vapour diffusion coefficient :			Reaction to fire:		Euroclass A1	
Fixed Va	lue:	5/10	Water absorption:		NPD	
Direct airborne sound insulation:			Water vapour diffusion coefficier			
Gross den	sity: 4	470 kg/m³	Direct airborne sound insulation	Fixed Value:	5/10	
Configura	tion:	As Above		Gross density: Configuration:	470 kg/m ³ As above	
Thermal conductivity:	(0.10 W/m.K [λ _{10,dry unit,} S2]	Thermal conductivity:	oomgaration.	0.10 W/m.K [λ _{10.dry unit} , S2]	
Durability against freeze-thaw:	I	NPD	Durability against freeze-thaw:		NPD	
Dangerous Substances:	:	See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous substar appropriate form. See Annex ZA3 of BS I		l 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/6300995

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

(Dec		of Performance JK/TH/6301018		
		The undersigned, representing the following:				
5 Grange Park	ing Products Limited Court, Roman Way pton, NN4 5EA		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS EN	I 771-4:2011			Confi	irms that:	
	Turbo 12			т	urbo 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 1	90 x 215 mm, au	toclaved 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:	ootogorur	CPI M (uplace stated athenuise on the delivery ticket)	
Compressive strength:	Mean 2.90 $\textrm{N/mm}^{\textrm{2}}$ [$_{\textrm{L}}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :	540				Euroclass A1	
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD	
Gross density:	470 ka/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration:	0		Direct airborne sound insulation:	: Gross density:	470 kg/m ³	
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	NPD		-		0.10 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD	
			Dangerous Substances:	substances will	See Note only be given when and where required in the	
Note: Information on Dangerous substances of appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	J I	appropriate form. See Annex ZA3	3 of BS EN 771-4	1:2011.	

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

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

(E	Dec		of Performance IK/TH/6301015		
	The undersigned, representing the following:					
5 Grange Park	ing Products Limited Court, Roman Way pton, NN4 5EA	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
BS EN	1771-4:2011		Confi	rms that:		
	Turbo 12		т	urbo 12		
Category II 440 x 200 x 215 mm a	utoclaved aerated concrete masonry units	Conforms to the	Harmonised Eur	opean Standard: BS EN 771-4:2011		
		Category II, 440 x 20	00 x 215 mm, au	toclaved aerated concrete masonry units		
Dimensions: 440 (mm) x 200 (mm) x 215 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011				
Configuration:	Solid	Dimensional tolerances:		× , ,		
Compressive strength:	Mean 2.90 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid		
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm ² [⊥ bed face, whole unit]. [Cat II]		
Shear Bond Strength: Fixed value:	0.15 N/mm ²	Dimensional stability:				
Flexural Bond Strength:	NPD	Moist Shear Bond strength:	ure Movement:	Nominal 0.50 mm/m		
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²		
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:	470 ka/m³	Water vapour diffusion coefficien	it: Fixed Value:	5/10		
	0	Direct airborne sound insulation:				
, i i i i i i i i i i i i i i i i i i i			Gross density: Configuration:	470 kg/m ³ As above		
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:		0.10 W/m.K [λ _{10,dry unit,} S2]		
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		NPD		
Dangerous Substances:	See Note	Dangerous Substances:	-	See Note		
Note: Information on Dangerous substances was 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 Dangerous appropriate form. See Annex ZA3		only be given when and where required in the I:2011.		

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

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Buildi	Declaration of Performance DOP/HANUK/TH/6301022 The undersigned, representing the following: Forterra Building Products Limited				
	c Court, Roman Way pton, NN4 5EA		5 Grange Park	court, Roman Way ton, NN4 5EA	
BS EN	771-4:2011		Confi	irms that:	
	Turbo 12			urbo 12	
Category II, 440 x 215 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 215 (mm) x 215 (mm)		Category II, 440 x 2	15 x 215 mm, au	toclaved 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:	ootogon <i>i</i> r	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 2.90 $\textrm{N/mm}^{\textrm{2}}$ [$_{\textrm{L}}$ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid	
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Fixed value:	0.15 N/mm ²	Dimensional stability: Moist	ture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD	Shear Bond strength:		0.15 N/mm ²	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	NPD	
Water Absorption:	NPD	Reaction to fire:		Euroclass A1	
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:			
Direct airborne sound insulation:		Water vapour diffusion coefficier	nt.	NPD	
Gross density:	470 kg/m ³		Fixed Value:	5/10	
Configuration:	As Above	Direct airborne sound insulation:	Gross density:	470 kg/m ³	
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit,} S2]	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		0.10 W/m.K [λ _{10,dry unit} , S2]	
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 1-4:2011.	,		See Note only be given when and where required in the I:2011.	

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

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

(Dec		of Performance JK/TH/6301039		
		The undersigned, representing the following:				
5 Grange Park	ing Products Limited Court, Roman Way pton, NN4 5EA		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS EN	I 771-4:2011			Confi	irms that:	
	Turbo 12			т	urbo 12	
Category II 440 x 265 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 265 (mm) x 215 (mm)			Category II, 440 x 2	65 x 215 mm, au	toclaved 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:	ootogon <i>r</i>	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 2.90 $\textrm{N/mm}^{\textrm{2}}$ [$_{\textrm{L}}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :	540				Euroclass A1	
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD	
Gross density:	470 ka/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration:	0		Direct airborne sound insulation:	: Gross density:	470 kg/m ³	
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	NPD		-		0.10 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD	
			Dangerous Substances:	substances will	See Note only be given when and where required in the	
Note: Information on Dangerous substances of appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.		appropriate form. See Annex ZA3	3 of BS EN 771-4	1:2011.	

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

The performance of the product 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		Dec		of Performance			
		The undersigned, representing the following:					
5 Grange Park	ing Products Limited Court, Roman Way pton, NN4 5EA		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
BS EN	I 771-4:2011			Confi	rms that:		
	Turbo 12			т	urbo 12		
Category II 440 x 300 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 300 (mm) x 215 (mm)			Category II, 440 x 3	00 x 215 mm, au	toclaved 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 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid		
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.90 N/mm ² [⊥ bed face, whole unit]. [Cat II]		
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:				
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m		
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²		
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:	470 ka/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10		
Configuration:	0		Direct airborne sound insulation:	: Gross density:	470 kg/m ³		
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit} , S2]			Configuration:	As above		
Durability against freeze-thaw:	NPD		Thermal conductivity:		0.10 W/m.K [λ _{10,dry unit,} S2]		
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD		
			Dangerous Substances:	substances will	See Note only be given when and where required in the		
Note: Information on Dangerous substances of appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the 1-4:2011.	J I	appropriate form. See Annex ZA3	3 of BS EN 771-4	1:2011.		

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

The performance of the product 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

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				Declaration of Performance DOP/HANUK/TH/6301275 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EI	N 771-4:2011			Confi	irms that:	
	.arge	Format Turbo 12				ormat Turbo 12	
Category II. 440 x 100 x 43) mm a	utoclaved aerated concrete masonry units		Conforms to the	Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 100 (mm) x 430		····· , · · · · · · · · · · · · · · · ·		Category II, 440 x 1	00 x 430 mm, au	itoclaved aerated concrete masonry units	
Dimensional tolerances:	egory:	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:	ooto gom u	CDI M (uplace stated athenuise on the delivery ticket)	
Compressive strength:		Mean 2.90 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Move	ment:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.90 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed	/alue:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:		NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :		5/40				Euroclass A1	
Fixed Direct airborne sound insulation:	/alue:	5/10		Water absorption:		NPD	
Gross d	nsity:	470 ka/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configu	,	5		Direct airborne sound insulation:		470 kg/m ³	
Thermal conductivity:		0.10 W/m.K [λ _{10,dry unit} , S2]			Configuration:	As above	
Durability against freeze-thaw:		NPD		Thermal conductivity:		$0.10 \text{ W/m.K } [\lambda_{10,dry \text{ unit, }} S2]$	
				Durability against freeze-thaw:		NPD	
Dangerous Substances:		See Note		Dangerous Substances:		See Note	
Note: Information on Dangerous subst appropriate form. See Annex ZA3 of B		will only be given when and where required in the 71-4:2011.	J	Note: Information on Dangerous appropriate form. See Annex ZA3		only be given when and where required in the I:2011.	

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

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Bi 5 Grange F North	-	Declaration of Performance DOP/HANUK/TH/6301282 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
-	EN 771-4:2011 Je Format Turbo				irms that:	
	12			Large Fo	ormat Turbo 12	
Category II, 440 x 115 x 430 m	n autoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 115 (mm) x 430 (m	m)		Category II, 440 x 1	15 x 430 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances: catego	GPLM (unless stated otherwise on the delivery y: ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:			
Compressive strength:	Mean 2.90 $\textrm{N/mm}^{2}$ [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement	nt: Nominal 0.50 mm/m		Compressive strength:		Mean 2.90 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed valu	e: 0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :	e: E(40				Euroclass A1	
Fixed Valu Direct airborne sound insulation:	e: 5/10		Water absorption:		NPD	
Gross densi	y: 470 kg/m ³		Water vapour diffusion coefficier	Fixed Value:	5/10	
Configuratio	, .		Direct airborne sound insulation:	Gross density:	470 kg/m ³	
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	Configuration:		
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		0.10 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note				NPD	
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN		Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA3		See Note only be given when and where required in the 4:2011.		

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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6300711 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 50 x 215 mm autoclaved aerated concrete masonry units Category II. 440 x 50 x 215 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 50 (mm) x 215 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6300728 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 75 x 215 mm autoclaved aerated concrete masonry units Category II. 440 x 75 x 215 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 75 (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 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: GPLM (unless stated otherwise on the delivery ticket) category: Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6300735 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 90 x 215 mm autoclaved aerated concrete masonry units Category II. 440 x 90 x 215 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 90 (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 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: GPLM (unless stated otherwise on the delivery ticket) category: Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6300742 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units Category II. 440 x 100 x 215 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 100 (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 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6300766 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 115 x 215 mm autoclaved aerated concrete masonry units Category II. 440 x 115 x 215 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 115 (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 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6300773 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 125 x 215 mm autoclaved aerated concrete masonry units Category II. 440 x 125 x 215 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 125 (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 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6300780 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 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 Category II. 440 x 140 x 215 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 140 (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 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6300803 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units Category II. 440 x 150 x 215 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 150 (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 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6300810 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units 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 Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6300827 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units Category II. 440 x 200 x 215 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 200 (mm) x 215 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6301268 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 100 x 140 mm autoclaved aerated concrete masonry units Category II. 440 x 100 x 140 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 100 (mm) x 140 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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:

Ach lathere

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6301381 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 115 x 140 mm autoclaved aerated concrete masonry units Category II. 440 x 115 x 140 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 115 (mm) x 140 (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 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6301428 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Shield Shield 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 100 x 240 mm autoclaved aerated concrete masonry units Category II. 440 x 100 x 240 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 100 (mm) x 240 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: Configuration: As Above 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: 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 substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

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

The performance of the product 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:

Ach lathere

Full name: Carl Cuthbert

Position: Quality Manager

Forterra 5 Grang No		Declaration of Performance DOP/HANUK/TH/6301398 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
	3S EN 771-4:2011 rge Format Shield				irms that:	
	12			Large Fo	ormat Shield 12	
Category II, 440 x 100 x 430	nm autoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 100 (mm) x 430			Category II, 440 x 1	100 x 430 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:			
Compressive strength:	Mean 3.60 N/mm ² [⊥ bed face, whole unit]. [Cat	1]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Mover	nent: Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed v	alue: 0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Mois Shear Bond strength:	sture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :	5/10				Euroclass A1	
Fixed V Direct airborne sound insulation:	alue: 5/10		Water absorption:		NPD	
Gross de	sity: 600 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
	tion: As Above		Direct airborne sound insulation	Gross density:	600 kg/m ³	
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit,} S2]		Thermal conductivity:	Configuration:		
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		0.13 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note				NPD	
Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS	nces will only be given when and where required in t EN 771-4:2011.	ne	Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA		See Note only be given when and where required in the 4:2011.	

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

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				Declaration of Performance DOP/HANUK/TH/6301404 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
		I 771-4:2011			Confi	rms that:	
	Large i	Format Shield 12			Large Fo	rmat Shield 12	
Category II, 440 x 115 x 4	30 mm a	utoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: BS EN 771-4:2011			
Dimensions: 440 (mm) x 115 (mm) x 4	30 (mm)	,		Category II, 440 x 1	115 x 430 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances:	ategory:	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 3.60 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Mo	vement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixe	d value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:		NPD		Mois Shear Bond strength:	sture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :		5/40				Euroclass A1	
Direct airborne sound insulation:	d Value:	5/10		Water absorption:		NPD	
Gross	density:	600 kg/m ³		Water vapour diffusion coefficie	nt: Fixed Value:	5/10	
		As Above		Direct airborne sound insulation	Gross density:	600 kg/m ³	
Thermal conductivity:		$0.13 \text{ W/m.K} \left[\lambda_{10, dry \text{ unit, }} S2\right]$		Thermal conductivity:	Configuration:	As above 0.13 W/m.K [λ _{10.drv unit.} S2]	
Durability against freeze-thaw:		NPD		Durability against freeze-thaw:			
Dangerous Substances:		See Note		Dangerous Substances:		NPD See Note	
Note: Information on Dangerous sub appropriate form. See Annex ZA3 of		will only be given when and where required in the '1-4:2011.]			only be given when and where required in the	

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

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Bu 5 Grange P Northa	Declaration of Performance DOP/HANUK/TH/6301442 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
	EN 771-4:2011		Confi	irms that:	
Largo	PFormat Shield 12		Large Fo	ormat Shield 12	
Category II, 440 x 125 x 430 mm	autoclaved aerated concrete masonry units	Conforms to the	Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 125 (mm) x 430 (mn		Category II, 440 x 1	25 x 430 mm, au	itoclaved aerated concrete masonry units	
Dimensional tolerances: category	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid	Dimensional tolerances:	ootogon "	CDI M (unless stated atherwise on the delivery ticket)	
Compressive strength:	Mean 3.60 N/mm^2 [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movemen	t: Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value	: 0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	NPD	Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient : Fixed Value	: 5/10			Euroclass A1	
Direct airborne sound insulation:		Water absorption:		NPD	
Gross density	r: 600 ka/m ³	Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration	: As Above	Direct airborne sound insulation:	Gross density:	600 kg/m ³	
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit,} S2]	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		0.13 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note			NPD	
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.	Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA3		See Note only be given when and where required in the :2011.	

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

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra B 5 Grange North	-	Declaration of Performance DOP/HANUK/TH/6301411 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
	EN 771-4:2011 e Format Shield				irms that:	
	12			Largero	12	
Category II, 440 x 140 x 430 m	n autoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 140 (mm) x 430 (m	m)		Category II, 440 x 1	40 x 430 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery y: ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	ootogonu	CDI M (uplace stated atherwise on the delivery ticket)	
Compressive strength:	Mean 3.60 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Moveme	nt: Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value	e: 0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moise Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:	NPD		Reaction to fire:			
Water vapour diffusion coefficient : Fixed Valu	e: 5/10		Water absorption:		Euroclass A1	
Direct airborne sound insulation:				-4-	NPD	
Gross densi	y: 600 kg/m ³		Water vapour diffusion coefficier	Fixed Value:	5/10	
Configuratio	n: As Above		Direct airborne sound insulation	Gross density:	600 kg/m ³	
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	Configuration:	As above 0.13 W/m.Κ [λ _{10.drv unit.} S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:			
Dangerous Substances:	See Note		Dangerous Substances:		NPD See Note	
Note: Information on Dangerous substanc appropriate form. See Annex ZA3 of BS El	es will only be given when and where required in the 771-4:2011.				only be given when and where required in the	

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

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Bu 5 Grange P Northa BS	-	Declaration of Performance DOP/HANUK/TH/6301534 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:				
	e Format Shield				ormat Shield	
					12	
Category II, 440 x 200 x 430 mm	autoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 200 (mm) x 430 (mr	1)		Category II, 440 x 2	00 x 430 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	este con u	CDI M (uplace stated atherwise on the delivery ticket)	
Compressive strength:	Mean 3.60 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movemen	t: Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value	e: 0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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	
	000 1 / 3		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Gross densit	5		Direct airborne sound insulation:	:		
Configuration				Gross density: Configuration:	600 kg/m³ As above	
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	0	0.13 W/m.K [λ _{10,dry unit} , S2]	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD	
Dangerous Substances:	See Note		Dangerous Substances:		See Note	
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN	s will only be given when and where required in the 771-4:2011.				l only be given when and where required in the 4:2011.	

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

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Bi 5 Grange F North	-	Declaration of Performance DOP/HANUK/TH/6301435 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
_	EN 771-4:2011 e Format Shield				irms that:	
	12			Large Fo	ormat Shield 12	
Category II, 540 x 100 x 440 m	n autoclaved aerated concrete masonry units		Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 540 (mm) x 100 (mm) x 440 (m	m)		Category II, 540 x 100 x 440 mm, autoclaved aerated concrete masonry units			
Dimensional tolerances: catego	GPLM (unless stated otherwise on the delivery y: ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	ootogonu	CDI M (unless stated atherwise on the delivery fields)	
Compressive strength:	Mean 3.00 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	nt: Nominal 0.50 mm/m		Compressive strength:		Mean 3.00 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed valu	e: 0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :	e: E(40				Euroclass A1	
Fixed Valu Direct airborne sound insulation:	e: 5/10		Water absorption:		NPD	
Gross densi	y: 600 kg/m ³		Water vapour diffusion coefficier	Fixed Value:	5/10	
Configuratio	, .		Direct airborne sound insulation:	Gross density:	600 kg/m ³	
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		0.13 W/m.K [λ _{10,dry unit} , S2]	
Dangerous Substances:	See Note				NPD See Note	
Dangerous Substances: See Note Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.					I only be given when and where required in the	

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

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

	Declaration of Performance DOP/HANUK/TH/6300599				
	The undersigned, representing the following:				
5 Grange I	uilding Products Limited Park Court, Roman Way ampton, NN4 5EA	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS	EN 771-4:2011		Conf	ïrms that:	
	Party Wall 12		Pai	rty Wall 12	
Category II 440 x 100 x 215 m	n autoclaved aerated concrete masonry units	Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 100 (mm) x 215 (m		Category II, 440 x 10	00 x 215 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid	Dimensional tolerances:	ootogonu	CDI M (unless stated atherwise on the delivery ticket)	
Compressive strength:	Mean 4.00 $\textrm{N/mm}^{\textrm{2}}$ [$_{\textrm{L}}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Moveme	nt: Nominal 0.50 mm/m	Compressive strength:		Mean 4.00 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed valu	e: 0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	NPD	Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:		
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 Valu Direct airborne sound insulation:	e: 5/10	Water absorption:		NPD	
Gross densi	ty: 660 kg/m ³	Water vapour diffusion coefficien	nt: Fixed Value:	5/10	
Configuratio	, .	Direct airborne sound insulation:			
Thermal conductivity:	0.14 W/m.K [λ _{10,dry unit} , S2]	The survey of a standard in the second	Configuration:		
Durability against freeze-thaw:	NPD	Thermal conductivity:		0.14 W/m.K [$\lambda_{10,dry unit}$, S2]	
Dangerous Substances:	See Note	Durability against freeze-thaw:		NPD	
-		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.	appropriate form. See Annex ZA3	Substances will B of BS EN 771-4	l only be given when and where required in the 4:2011.	

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

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

Signed on behalf of the manufacturer:

As la lathering

Position: Quality Manager

	Declaration of Performance DOP/HANUK/TH/6300605				
	The undersigned, representing the following:				
5 Grange Pa	ding Products Limited rk Court, Roman Way npton, NN4 5EA	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS E	N 771-4:2011		Conf	irms that:	
F	arty Wall 12		Par	ty Wall 12	
Category II, 440 x 215 x 215 mm	autoclaved aerated concrete masonry units	Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 215 (mm) x 215 (mm)		Category II, 440 x 2	15 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid	Dimensional tolerances:			
Compressive strength:	Mean 4.00 N/mm^2 [$\scriptscriptstyle \perp$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 4.00 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	NPD	Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD	Ū		NPD	
Water vapour diffusion coefficient :		Reaction to fire:		Euroclass A1	
Fixed Value:	5/10	Water absorption:		NPD	
Direct airborne sound insulation:		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Gross density:	0	Direct airborne sound insulation:	:		
Configuration:			Gross density: Configuration:	660 kg/m³ As above	
Thermal conductivity:	0.14 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	0	0.14 W/m.K [λ _{10,dry unit,} S2]	
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		NPD	
Dangerous Substances:	See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.	Note: Information on Dangerous appropriate form. See Annex ZA3		only be given when and where required in the b:2011.	

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

The performance of the product 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

Forterra Build 5 Grange Park Northam	Declaration of Performance DOP/HANUK/TH/6301213 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
BS EN	1 771-4:2011		Confi	rms that:	
Large For	rmat Party Wall 12		Large Forr	nat Party Wall 12	
Category II, 440 x 100 x 430 mm a	utoclaved aerated concrete masonry units	Conforms to the Harmonised European Standard: BS EN 771-4:2011			
Dimensions: 440 (mm) x 100 (mm) x 430 (mm) Dimensional tolerances:	GPLM (unless stated otherwise on the delivery	Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units			
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:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 4.00 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	NPD	MOIST Shear Bond strength:	ure Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:	NPD	Reaction to fire:			
Water vapour diffusion coefficient : Fixed Value:	5/10			Euroclass A1	
Direct airborne sound insulation:	5/10	Water absorption:		NPD	
Gross density:	660 kg/m ³	Water vapour diffusion coefficien	it: Fixed Value:	5/10	
Configuration:	As Above	Direct airborne sound insulation:		660 kg/m ³	
Thermal conductivity:	0.14 W/m.K [λ _{10.drv unit} . S2]	_	Configuration:	As above	
Durability against freeze-thaw:	NPD	Thermal conductivity:		0.14 W/m.K [λ _{10,dry unit,} S2]	
		Durability against freeze-thaw:		NPD	
Dangerous Substances:	See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous substances v appropriate form. See Annex ZA3 of BS EN 77	vill only be given when and where required in the '1-4:2011.	Note: Information on Dangerous appropriate form. See Annex ZA3		only be given when and where required in the :2011.	

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

The performance of the product 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:

al la lathlere Full name: Carl Cuthbert

Position: Quality Manager

- FORTERRA

Declaration of Performance DOP/HANUK/TH/6301145 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Flooring Slip Flooring Slip 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 215 x 100 x 40 mm autoclaved aerated concrete masonry units Category II, 215 x 100 x 40 mm, autoclaved aerated concrete masonry units Dimensions: 215 (mm) x 100 (mm) x 40 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: GPLM (unless stated otherwise on the delivery ticket) category: Mean 7.30 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 7.30 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: **Dimensional stability:** 0.15 N/mm² Fixed value: Nominal 0 50 mm/m Moisture Movement Flexural Bond Strength: NPD Reaction to fire: Euroclass A1 NPD Water Absorption: Water vapour diffusion coefficient : Fixed Value: 5/10 Direct airborne sound insulation: Gross density: 730 kg/m³ Configuration: As Above Thermal conductivity: 0.16 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: **Dangerous Substances:** See Note Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301145

Fixed value:	0.15 N/mm ²	
	NPD	
	Euroclass A1	
	NPD	
ient:		
Fixed Value:	5/10	
	$720 kg/m^3$	
Configuration:	As above	
-	0.16 W/m.K [λ _{10,dry unit,} S2]	
	NPD	
	See Note	
	ient: Fixed Value: on: Gross density:	NPD Euroclass A1 NPD ient: Fixed Value: 5/10 on: Gross density: 730 kg/m ³ Configuration: As above 0.16 W/m.K [λ _{10,dry unit} , S2] NPD

The performance of the product 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:

Ala latheres Full name: Carl Cuthbert

Position: Quality Manager

- FORTERRA

Declaration of Performance DOP/HANUK/TH/6300018 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Flooring Slip Flooring Slip 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 215 x 100 x 65 mm autoclaved aerated concrete masonry units Category II, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units Dimensions: 215 (mm) x 100 (mm) x 65 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: GPLM (unless stated otherwise on the delivery ticket) category: Mean 7.30 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 7.30 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: 0.15 N/mm² Fixed value: Flexural Bond Strength: NPD Reaction to fire: Euroclass A1 NPD Water Absorption: Water vapour diffusion coefficient : Fixed Value: 5/10 Direct airborne sound insulation: Gross density: 730 kg/m³ Configuration: As Above Thermal conductivity: 0.16 W/m.K [λ_{10,dry unit}, S2] NPD Durability against freeze-thaw: **Dangerous Substances:** See Note Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300018

Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m
Shear Bond strength:	woisture wovement.	Nominal 0.50 mm/m
2000 2000 00 00 gen	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:		NPD
Reaction to fire:		Euroclass A1
Water absorption:		NPD
Water vapour diffusion co	efficient:	
	Fixed Value:	5/10
Direct airborne sound inst	Gross density: Configuration:	730 kg/m ³ As above
Thermal conductivity:	<u>j</u>	0.16 W/m.K [λ _{10,dry unit} , S2]
Durability against freeze-t	haw:	NPD
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:

al la lathere Full name: Carl Cuthbert

Position: Quality Manager

	(· F		Dec		of Performance JK/TH/6301343	
				The undersigned, representing the following:			
	range Par	ing Products Limited k Court, Roman Way pton, NN4 5EA		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EI	N 771-4:2011			Conf	irms that:	
	Floo	r End Block 12			Floor	End Block 12	
Category II 440 x 150 x	140 mm a	utoclaved aerated concrete masonry units		Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 150 (mm) x		atolaved derated concrete masonry units		Category II, 440 x 1	50 x 140 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid		Dimensional tolerances:		v , ,	
Compressive strength:		Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture M	ovement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fix	ed value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:		NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:		
Water Absorption:		NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :		5/10				Euroclass A1	
Direct airborne sound insulation:	ed Value:	5/10		Water absorption:		NPD	
Gros	s density:	730 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Cont	iguration:	As Above		Direct airborne sound insulation:	: Gross density:	730 kg/m ³	
Thermal conductivity:	-	0.16 W/m.K [λ _{10,dry unit,} S2]		Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:		NPD				0.16 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:		See Note		Durability against freeze-thaw:		NPD	
Note: Information on Dangerous out	etances	will only be given when and where required in the		Dangerous Substances: Note: Information on Dangerous	substances will	See Note I only be given when and where required in the	
appropriate form. See Annex ZA3 of			J	appropriate form. See Annex ZA3			

See Also Declaration of Performance DOP/HANUK/TH/6301343

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

ticket)

5 Grange Par	ling Products Limited k Court, Roman Way opton, NN4 5EA	[DOP/HANU The undersigned, re Forterra Buildin 5 Grange Park	IF Performance IK/TH/6301350 presenting the following: Ig Products Limited Court, Roman Way ton, NN4 5EA
BS EI	N 771-4:2011		Confi	rms that:
Floor	r End Block 12		Floor I	End Block 12
Category II 440 x 175 x 140 mm a	nutoclaved aerated concrete masonry units	Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
		Category II, 44	40 x 175 x 140 mm,au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 175 (mm) x 140 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the p		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:	Solid	Dimensional tolerances:		<u> </u>
Compressive strength:	Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm ²	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
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 ³	Water vapour diffusion coe	fficient: Fixed Value:	5/10
Configuration:	C C C C C C C C C C C C C C C C C C C	Direct airborne sound insul		730 kg/m ³
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit} , S2]		Configuration:	As above
Durability against freeze-thaw:	NPD	Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]
Dangerous Substances:	See Note	Durability against freeze-the	aw:	NPD
Dungerous Oubstances.		Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.	Note: Information on Dange appropriate form. See Anne	erous substances will ex ZA3 of BS EN 771-4	only be given when and where required in the 1:2011.

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

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

	CE		DOP/HANU	Df Performance JK/TH/6301558 epresenting the following:	
5 Grange I	uilding Products Limited Park Court, Roman Way ampton, NN4 5EA	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS	EN 771-4:2011		Conf	ïrms that:	
FI	oor End Block 12		Floor	End Block 12	
Category II. 530 x 440 x 145 m	n autoclaved aerated concrete masonry units	Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 530 (mm) x 440 (mm) x 145 (m		Category II, 530 x 44	40 x 145 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances: catego	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid	Dimensional tolerances:	ootogonu	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 7.30 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid	
Dimension Stability: Moisture Moveme	nt: Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value	e: 0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	NPD	Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient :				Euroclass A1	
Fixed Valu Direct airborne sound insulation:	e: 5/10	Water absorption:		NPD	
Gross densi	ty: 730 kg/m ³	Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuratio	, ,	Direct airborne sound insulation:	:		
Thermal conductivity:			Gross density: Configuration:		
	0.16 W/m.K [λ _{10,dry unit,} S2]	Thermal conductivity:		0.16 W/m.K [$\lambda_{10,dry unit}$, S2]	
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		NPD	
Dangerous Substances:	See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous substanc appropriate form. See Annex ZA3 of BS EN	es will only be given when and where required in the 1771-4:2011.	Note: Information on Dangerous appropriate form. See Annex ZA3	substances will 3 of BS EN 771-4	l only be given when and where required in the 4:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6301558

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

CE					DOP/HANU	Df Performance JK/TH/6300216	
5 Gra	nge Park	ng Products Limited : Court, Roman Way pton, NN4 5EA			5 Grange Park	ng Products Limited Court, Roman Way tton, NN4 5EA	
	BS EN	771-4:2011			Confi	irms that:	
	Hi S	trength 7 12			Hi St	trength 7 12	
Category II, 440 x 100 x 2	15 mm a	utoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 100 (mm) x 21	5 (mm)			Category II, 440 x 1	00 x 215 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances:	tegory:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid		Dimensional tolerances:	ootogon	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid	
Dimension Stability: Moisture Mov	ement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed	l value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:		NPD		Moise Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :						Euroclass A1	
Fixed Direct airborne sound insulation:	Value:	5/10		Water absorption:		NPD	
	density:	730 ka/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
	uration:	As Above		Direct airborne sound insulation	:		
, i i i i i i i i i i i i i i i i i i i	uration.				Gross density: Configuration:	730 kg/m ³ As above	
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]	
Durability against freeze-thaw:		NPD		Durability against freeze-thaw:		NPD	
Dangerous Substances:		See Note		Dangerous Substances:		See Note	
Note: Information on Dangerous subs appropriate form. See Annex ZA3 of B		vill only be given when and where required in the 1-4:2011.	J	Note: Information on Dangerous appropriate form. See Annex ZA		l only be given when and where required in the 4:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300216

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

Signed on behalf of the manufacturer:

ale la lathering

Position: Quality Manager

C	E			DOP/HANU	of Performance JK/TH/6300230	
Fosterro Duild	ing Draduate Limited		Ihe	e undersigned, re	presenting the following:	
5 Grange Par	ing Products Limited k Court, Roman Way pton, NN4 5EA			5 Grange Park	ig Products Limited Court, Roman Way ton, NN4 5EA	
BS EI	N 771-4:2011			Confi	irms that:	
Hit	Strength 7 12			Hi St	rength 7 12	
Category II. 440 x 115 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 115 (mm) x 215 (mm)	····· , -···· , -····		Category II, 440 x 1	15 x 215 mm,au	toclaved 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 7.30 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration:	·		Direct airborne sound insulation:	: Gross density:	730 kg/m ³	
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit,} S2]		Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	NPD		-		$0.16 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$	
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD	
			Dangerous Substances: Note: Information on Dangerous	substances will	See Note only be given when and where required in the	
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.	J I	appropriate form. See Annex ZA3	3 of BS EN 771-4	1:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300230

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

	C	E		DOP/HANU	f Performance	
	Forterra Buildir	ng Products Limited	Ine	. .	presenting the following:	
	5 Grange Park	Court, Roman Way oton, NN4 5EA		5 Grange Park	g Products Limited Court, Roman Way ton, NN4 5EA	
	BS EN	771-4:2011		Confi	rms that:	
	Hi Si	trength 7 12		Hi St	rength 7 12	
Category II. 440 x 12	25 x 215 mm au	toclaved aerated concrete masonry units	Conforms to the	e Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 125 (mm			Category II, 440 x 1	25 x 215 mm, au	toclaved 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:	ootogon <i>i</i> :	CPI M (uplose stated athenuise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm^2 [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
	e Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:		NPD	Moise Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficier	nt : Fixed Value:	5/10			Euroclass A1	
Direct airborne sound insulation		5/10	Water absorption:		NPD	
G	coss density:	730 kg/m ³	Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
	Configuration:	As Above	Direct airborne sound insulation	: Gross density:	730 kg/m ³	
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:		NPD	Durability against freeze-thaw:		$0.16 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$	
Dangerous Substances:		See Note			NPD	
Note: Information on Dangerous appropriate form. See Annex ZA3		vill only be given when and where required in the 1-4:2011.	Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA3		See Note only be given when and where required in the b:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300247

The performance of the product 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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

(E		Dec		of Performance JK/TH/6300261	
			The	The undersigned, representing the following:		
5 Grange Par	ing Products Limited k Court, Roman Way pton, NN4 5EA			5 Grange Park	ig Products Limited Court, Roman Way ton, NN4 5EA	
BS EI	N 771-4:2011			Confi	irms that:	
Hit	Strength 7 12			Hi St	rength 7 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)	accounted condicts indoniny drifts		Category II, 440 x 1	40 x 215 mm, au	itoclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	ootogon <i>i</i> :	CPI M (uplace stated athenuise on the delivery ticket)	
Compressive strength:	Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moisi Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration:	·		Direct airborne sound insulation:		730 kg/m ³	
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit} , S2]			Configuration:	As above	
Durability against freeze-thaw:	NPD		Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD	
Dangerous Substances.			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 Dangerous appropriate form. See Annex ZA3	substances will 3 of BS EN 771-4	only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300261

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

(E		Dec		of Performance JK/TH/6300285	
			The undersigned, representing the following:			
5 Grange Par	ling Products Limited k Court, Roman Way ıpton, NN4 5EA			Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		
BS EI	N 771-4:2011			Confi	irms that:	
Hit	Strength 7 12			Hi St	rength 7 12	
Category II 440 x 150 x 215 mm a	nutoclaved aerated concrete masonry units		Conforms to the	Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 150 (mm) x 215 (mm)			Category II, 440 x 1	50 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	ootogon "	CDI M (uplace stated athenuise on the delivery ticket)	
Compressive strength:	Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Mois Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration:	-		Direct airborne sound insulation	: Gross density:	730 kg/m ³	
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit} , S2]			Configuration:	As above	
Durability against freeze-thaw:	NPD		Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD	
-			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 I	Note: Information on Dangerous appropriate form. See Annex ZA3	substances will 3 of BS EN 771-4	only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300285

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

	(E		DOP/HANU	of Performance JK/TH/6300292	
5 Gra	ange Park	ng Products Limited : Court, Roman Way oton, NN4 5EA	The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EN	771-4:2011		Confi	irms that:	
	Hi S	trength 7 12		Hi St	rength 7 12	
Category II, 440 x 190 x 2	15 mm a	utoclaved aerated concrete masonry units	Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 190 (mm) x 2	15 (mm)		Category II, 440 x 1	90 x 215 mm, au	itoclaved aerated concrete masonry units	
Dimensional tolerances:	ategory:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid	Dimensional tolerances:	category;	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid	
Dimension Stability: Moisture Mo	vement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixe	d value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:		NPD	Mois Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient :		- // 0			Euroclass A1	
Direct airborne sound insulation:	d Value:	5/10	Water absorption:		NPD	
	density:	730 kg/m ³	Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
	uration:	As Above	Direct airborne sound insulation	:		
	juration.			Gross density: Configuration:	730 kg/m ³ As above	
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]	
Durability against freeze-thaw:		NPD	Durability against freeze-thaw:		NPD	
Dangerous Substances:		See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous sub appropriate form. See Annex ZA3 of I		vill only be given when and where required in the 1-4:2011.	Note: Information on Dangerous appropriate form. See Annex ZA		only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300292

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

	C	E		DOP/HANU	DF Performance JK/TH/6300308 presenting the following:	
5 Gra	nge Park	ng Products Limited c Court, Roman Way pton, NN4 5EA	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EN	I 771-4:2011		Confi	irms that:	
	Hi S	Strength 7 12		Hi St	rength 7 12	
Category II, 440 x 200 x 21	5 mm a	utoclaved aerated concrete masonry units	Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 200 (mm) x 21	5 (mm)	-	Category II, 440 x 2	00 x 215 mm, au	itoclaved aerated concrete masonry units	
Dimensional tolerances:	tegory:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid	Dimensional tolerances:	category;	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid	
Dimension Stability: Moisture Mov	ement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed	l value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:		NPD	Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient :	N/-1	5/40			Euroclass A1	
Direct airborne sound insulation:	Value:	5/10	Water absorption:		NPD	
	lensity:	730 kg/m ³	Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
	uration:	As Above	Direct airborne sound insulation		730 kg/m ³	
Thermal conductivity:		0.16 W/m.K [λ _{10.dry unit} , S2]		Configuration:	As above	
Durability against freeze-thaw:		NPD	Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:		See Note	Durability against freeze-thaw:		NPD	
Dangerous Substances.		Jee Note	Dangerous Substances:		See Note	
Note: Information on Dangerous subs appropriate form. See Annex ZA3 of B		vill only be given when and where required in the '1-4:2011.	Note: Information on Dangerous appropriate form. See Annex ZA		only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300308

Signed on behalf of the anufacturer: Full name: Carl Cuthbert

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

Position: Quality Manager

Forterra Build 5 Grange Parl Northam			DOP/HANL e undersigned, re Forterra Buildin 5 Grange Park	of Performance NK/TH/6300315 presenting the following: g Products Limited Court, Roman Way ton, NN4 5EA	
BS EN	771-4:2011			Confi	rms that:
Hi S	Strength 7 12			Hi St	rength 7 12
Category II. 440 x 215 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 215 (mm) x 215 (mm)	,,		Category II, 440 x 2	15 x 215 mm, au	toclaved 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:	ootogon "	
Compressive strength:	Mean 7.30 N/mm^2 [$_{\!\!\!\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:		
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
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 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10
Configuration:	ů –		Direct airborne sound insulation:	: Gross density:	730 kg/m ³
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	NPD		-		0.16 W/m.K [λ _{10,dry unit,} S2]
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD
-	· · · · · · · · · · · · · · · · · · ·		Dangerous Substances: Note: Information on Dangerous	substances will	See Note only be given when and where required in the
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 l	appropriate form. See Annex ZA3		

See Also Declaration of Performance DOP/HANUK/TH/6300315

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011				DOP/HANU The undersigned, rej Forterra Buildin 5 Grange Park Northampt	AF Performance WK/TH/6301305 presenting the following: g Products Limited Court, Roman Way ton, NN4 5EA rms that:
	Large Form	nat Hi Strength 7 12		Large Forma	at Hi Strength 7 12
Category II, 440 Dimensions: 440 (mm) x 100 Dimensional tolerances:		utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery	Category II, 440	x 100 x 430 mm,au	opean Standard: BS EN 771-4:2011 toclaved aerated concrete masonry units
Dimensional tolerances.	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:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	Configuration:		Solid
Dimension Stability: Mc Shear Bond Strength:	oisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD		oisture Movement:	Nominal 0.50 mm/m
			Shear Bond strength:	Fixed value:	0.15 N/mm ²
Reaction to fire:		Euroclass A1	Flexural Bond Strength:		NPD
Water Absorption: Water vapour diffusion coef	fficient :	NPD	Reaction to fire:		Euroclass A1
	Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insula	ation:		Water vapour diffusion coeffic		
	Gross density:	730 kg/m ³	Direct airborne sound insulati	Fixed Value: on:	5/10
	Configuration:	As Above		Gross density: Configuration:	730 kg/m ³ As above
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]	Thermal conductivity:	Comgutation.	0.16 W/m.K [λ _{10,dry unit,} S2]
Durability against freeze-tha	aw:	NPD	Durability against freeze-thaw	:	NPD
Dangerous Substances:		See Note	Dangerous Substances:		See Note
Note: Information on Dange appropriate form. See Anne:		vill only be given when and where required in the 1-4:2011.	e e e e e e e e e e e e e e e e e e e		only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6301305

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011				DOP/HANU The undersigned, rep Forterra Buildin 5 Grange Park Northampt	of Performance W/TH/6301312 presenting the following: g Products Limited Court, Roman Way ton, NN4 5EA rms that:
	Large Form	nat Hi Strength 7 12		Large Forma	at Hi Strength 7 12
Category II, 440 Dimensions: 440 (mm) x 140 Dimensional tolerances:		utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 440	x 140 x 430 mm, au oduct conforms: Sta	opean Standard: BS EN 771-4:2011 toclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4
Configuration:	category.	Solid	Dimensional tolerances:	category:	gulation (EU): 305/2011 GPLM (unless stated otherwise on the delivery ticket)
Compressive strength: Dimension Stability:		Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:		Solid
	pisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	Dimensional stability: M Shear Bond strength:	loisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption:		NPD	Reaction to fire:		Euroclass A1
Water vapour diffusion coef	ficient : Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insula		700 1 / 3	Water vapour diffusion coeffic		
	Gross density: Configuration:	730 kg/m³ As Above	Direct airborne sound insulat		5/10
Thermal conductivity:	Comgulation.	0.16 W/m.K [λ _{10,dry unit} , S2]	-	Gross density: Configuration:	730 kg/m ³ As above
Durability against freeze-tha	aw:	NPD	Thermal conductivity:		$0.16 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$
Dangerous Substances:		See Note	Durability against freeze-thaw	v:	NPD
Note: Information on Danger appropriate form. See Annex		vill only be given when and where required in the 1-4:2011.	Dangerous Substances: Note: Information on Dangero appropriate form. See Annex		See Note only be given when and where required in the :2011.

See Also Declaration of Performance DOP/HANUK/TH/6301312

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011				DOP/HANU The undersigned, rep Forterra Buildin 5 Grange Park Northampt	AF Performance W/TH/6301541 presenting the following: g Products Limited Court, Roman Way ton, NN4 5EA rms that:
	Large Form	nat Hi Strength 7 12			at Hi Strength 7 12
Category II, 440 x 150) x 430 mm au	utoclaved aerated concrete masonry units	Conforms to	the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 150 (mm)			Category II, 440	x 150 x 430 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:		Solid	Dimensional tolerances:	category	GPI M (uplace stated otherwise on the delivery ticket)
Compressive strength:		Mean 7.30 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
	Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: F	ixed value:	0.15 N/mm ²	Dimensional stability:	-i-t Manager of	
Flexural Bond Strength:		NPD	Shear Bond strength:	oisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption:		NPD	Reaction to fire:		
Water vapour diffusion coefficient	t : Fixed Value:	5/10			Euroclass A1
□ Direct airborne sound insulation:	iven vaine.	5/10	Water absorption:		NPD
Gro	oss density:	730 kg/m ³	Water vapour diffusion coeffic	Fixed Value:	5/10
	onfiguration:	0	Direct airborne sound insulation	on: Gross density:	730 ka/m ³
Thermal conductivity:	5	0.16 W/m.K [λ _{10,drv unit} , S2]	Thermal conductivity	Configuration:	As above
Durability against freeze-thaw:		NPD	Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]
Dangerous Substances:		See Note	Durability against freeze-thaw	:	NPD
			Dangerous Substances:	uo oubotonoos	See Note only be given when and where required in the
Note: Information on Dangerous s appropriate form. See Annex ZA3		vill only be given when and where required in the 1-4:2011.	appropriate form. See Annex 2		

See Also Declaration of Performance DOP/HANUK/TH/6301541

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Br 5 Grange F North	-		DOP/HANU e undersigned, re Forterra Buildir 5 Grange Park Northamp	Df Performance UK/TH/6300612 epresenting the following: Ing Products Limited Court, Roman Way toon, NN4 5EA	
-	t Grade Smooth				irms that:
	12				12
Category II, 440 x 100 x 215 m	n autoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 215 (m	n)		Category II, 440 x 1	00 x 215 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 4.00 N/mm^2 [$\scriptscriptstyle \perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement	nt: Nominal 0.50 mm/m		Compressive strength:		Mean 4.00 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed valu	e: 0.15 N/mm ²		Dimensional stability:		
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption:	NPD		Reaction to fire:		
Water vapour diffusion coefficient :					Euroclass A1
Fixed Valu Direct airborne sound insulation:	e: 5/10		Water absorption:		NPD
Gross densi	y: 660 ka/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10
Configuratio			Direct airborne sound insulation:		660 kg/m ³
Thermal conductivity:	0.14 W/m.K [λ _{10,dry unit,} S2]		Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	NPD		5		0.14 W/m.K [λ _{10,dry unit,} S2]
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD
			Dangerous Substances:	aubatar '''	See Note
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN	es will only be given when and where required in the 771-4:2011.	J	appropriate form. See Annex ZAS		l only be given when and where required in the 4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300612

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

5 Grang No	Building Products Limited Park Court, Roman Way thampton, NN4 5EA		DOP/HANU e undersigned, re Forterra Buildir 5 Grange Park	DF Performance JK/TH/6300629 presenting the following: ng Products Limited Court, Roman Way ton, NN4 5EA
	S EN 771-4:2011		Conf	irms that:
Pi	int Grade Smooth 12		Paint Gr	ade Smooth 12
Category II, 440 x 140 x 215	nm autoclaved aerated concrete masonry units	Conforms to the	e Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 140 (mm) x 215	mm)	Category II, 440 x 1	40 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	ootogonu	CDI M (unless stated atherwise on the delivery ticket)
Compressive strength:	Mean 4.00 N/mm^2 [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Moven	ent: Nominal 0.50 mm/m	Compressive strength:		Mean 4.00 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed va	lue: 0.15 N/mm ²	Dimensional stability:		
Flexural Bond Strength:	NPD	Mois Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
Water Absorption:	NPD	Reaction to fire:		NPD
Water vapour diffusion coefficient :				Euroclass A1
Fixed Va Direct airborne sound insulation:	lue: 5/10	Water absorption:		NPD
Gross der	sity: 660 kg/m ³	Water vapour diffusion coefficier	nt: Fixed Value:	5/10
	tion: As Above	Direct airborne sound insulation	Gross density:	660 kg/m ³
Thermal conductivity:	0.14 W/m.K [λ _{10,dry unit,} S2]	Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		0.14 W/m.K [λ _{10,dry unit,} S2]
Dangerous Substances:	See Note	Dangerous Substances:		NPD See Note
Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS	ces will only be given when and where required in the EN 771-4:2011.			only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6300629

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

5 Grange North	uilding Products Limited Park Court, Roman Way Jampton, NN4 5EA			DOP/HANU e undersigned, re Forterra Buildir 5 Grange Park	DF Performance JK/TH/6300636 presenting the following: ng Products Limited Court, Roman Way ton, NN4 5EA
	EN 771-4:2011			Conf	irms that:
Pair	it Grade Smooth 12			Paint Gr	ade Smooth 12
Category II, 440 x 150 x 215 m	n autoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eu	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 150 (mm) x 215 (m			Category II, 440 x 1	50 x 215 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:	ooto go n u	CDIM (upless stated atherwise on the delivery ticket)
Compressive strength:	Mean 4.00 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Moveme	nt: Nominal 0.50 mm/m		Compressive strength:		Mean 4.00 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value	ie: 0.15 N/mm ²		Dimensional stability:		
Flexural Bond Strength:	NPD		Mois Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
Water Absorption:	NPD		Reaction to fire:		NPD
Water vapour diffusion coefficient :	- // 0				Euroclass A1
Fixed Value	ie: 5/10		Water absorption:		NPD
Gross dens	ty: 660 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10
	on: As Above		Direct airborne sound insulation:		660 ka/m ³
Thermal conductivity:	0.14 W/m.K [λ _{10,drv unit} , S2]		Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	NPD		,		0.14 W/m.K [λ _{10,dry unit,} S2]
Dangerous Substances:	See Note		Durability against freeze-thaw:		NPD
			Dangerous Substances:		See Note
Note: Information on Dangerous substanc appropriate form. See Annex ZA3 of BS El	es will only be given when and where required in the I 771-4:2011.]	Note: Information on Dangerous appropriate form. See Annex ZA3		only be given when and where required in the 4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300636

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

5 Grang No	g Products Limited Court, Roman Way on, NN4 5EA		DOP/HANU e undersigned, rep Forterra Buildin 5 Grange Park	of Performance IK/TH/6300643 presenting the following: Ig Products Limited Court, Roman Way ton, NN4 5EA	
		71-4:2011		Confi	rms that:
F		de Smooth 12			ade Smooth 12
Category II, 440 x 190 x 215	mm aut	oclaved aerated concrete masonry units	Conforms to the	e Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 190 (mm) x 215			Category II, 440 x 1	190 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances:	. ,	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:		Solid	Dimensional tolerances:	ootogon/:	CPI M (uplose stated atherwise on the delivery ticket)
Compressive strength:		Mean 4.00 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Move	nent:	Nominal 0.50 mm/m	Compressive strength:		Mean 4.00 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed v	alue:	0.15 N/mm ²	Dimensional stability:		
Flexural Bond Strength:		NPD	Mois Shear Bond strength:	sture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
Water Absorption:		NPD	Reaction to fire:		NPD
Water vapour diffusion coefficient : Fixed V	aluo:	5/10			Euroclass A1
Direct airborne sound insulation:	aiue.	5/10	Water absorption:		NPD
Gross de	nsity:	660 kg/m ³	Water vapour diffusion coefficie	Fixed Value:	5/10
Configur	ition:	As Above	Direct airborne sound insulation	Gross density:	660 kg/m ³
Thermal conductivity:		0.14 W/m.K [λ _{10,dry unit,} S2]	Thermal conductivity:	Configuration:	As above 0.14 W/m.K [λ _{10.drv unit.} S2]
Durability against freeze-thaw:		NPD	Durability against freeze-thaw:		
Dangerous Substances:		See Note	Dangerous Substances:		NPD See Note
Note: Information on Dangerous substa appropriate form. See Annex ZA3 of BS		II 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/6300643

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra 5 Grange Nor E		DOP/HANU ne undersigned, re Forterra Buildir 5 Grange Park Northamp	DF Performance JK/TH/6300650 presenting the following: ng Products Limited Court, Roman Way ton, NN4 5EA	
Pa	nt Grade Smooth 12			rade Smooth 12
Category II, 440 x 200 x 215 r Dimensions: 440 (mm) x 200 (mm) x 215 (Dimensional tolerances: catego	GPLM (unless stated otherwise on the delivery	Category II, 440 x	200 x 215 mm, au uct conforms: Sta	ropean Standard: BS EN 771-4:2011 utoclaved aerated concrete masonry units undard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength: Dimension Stability:	Solid Mean 4.00 N/mm ² [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Moisture Movem Shear Bond Strength: Fixed va Flexural Bond Strength:		Compressive strength: Dimensional stability: Shear Bond strength:	sture Movement:	Mean 4.00 N/mm ² [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Reaction to fire: Water Absorption:	Euroclass A1 NPD	Flexural Bond Strength:	Fixed value:	0.15 N/mm² NPD
Water vapour diffusion coefficient : Fixed Va		Reaction to fire: Water absorption:		Euroclass A1 NPD
Direct airborne sound insulation: Gross den Configura	, 0	Water vapour diffusion coefficie Direct airborne sound insulation	Fixed Value:	5/10 660 kg/m ³
Thermal conductivity: Durability against freeze-thaw:	0.14 W/m.K [λ _{10,dry unit} , S2] NPD	Thermal conductivity:	Configuration:	As above 0.14 W/m.K [λ _{10,dry unit,} S2]
Dangerous Substances:	See Note	Durability against freeze-thaw: NPD Dangerous Substances: See Note		
Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS I	es will only be given when and where required in the N 771-4:2011.	Note: Information on Dangerous appropriate form. See Annex ZA		only be given when and where required in the 4:2011.

See Also Declaration of Performance DOP/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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				Declaration of Performance DOP/HANUK/TH/6300667 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		
	BS EI	N 771-4:2011			Confi	irms that:
	Paint G	arade Smooth 12				ade Smooth 12
Category II, 440 x 215 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 215 (mm) x	215 (mm)	-		Category II, 440 x 2	15 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the produc		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration:		Solid		Dimensional tolerances:	ootogon "	CDI M (uplace stated athenuise on the delivery ticket)
Compressive strength:		Mean 4.00 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture M	ovement:	Nominal 0.50 mm/m		Compressive strength:		Mean 4.00 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fix	ed value:	0.15 N/mm ²		Dimensional stability:		
Flexural Bond Strength:		NPD		Moist Shear Bond strength:	ure Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
Water Absorption:		NPD		-		NPD
Water vapour diffusion coefficient :				Reaction to fire:		Euroclass A1
	ed Value:	5/10		Water absorption:		NPD
Direct airborne sound insulation:		200 L / 3		Water vapour diffusion coefficien		5/40
	s density:	660 kg/m ³		Direct airborne sound insulation:		5/10
	iguration:				Gross density: Configuration:	660 kg/m³ As above
Thermal conductivity:		0.14 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	U	0.14 W/m.K [λ _{10,dry unit} , S2]
Durability against freeze-thaw:		NPD		Durability against freeze-thaw:		NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Dangerous sul appropriate form. See Annex ZA3 of		will only be given when and where required in the 71-4:2011.	J	Note: Information on Dangerous appropriate form. See Annex ZA3		only be given when and where required in the I:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300667

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

	5 Grange Park Northamp	ng Products Limited Court, Roman Way oton, NN4 5EA			DOP/HANU The undersigned, rej Forterra Buildin 5 Grange Park Northamp	AF Performance W/TH/6300339 presenting the following: g Products Limited Court, Roman Way ton, NN4 5EA
		Paint Grade Smooth				rms that:
		12			0	12
Category II, 4	40 x 100 x 215 mm au	toclaved aerated concrete masonry units		Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 1	00 (mm) x 215 (mm)			Category II, 4	40 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 product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:		Solid		Dimensional tolerances:	eeteen "	CDI M (uplace stated athenuise on the delivery ticket)
Compressive strength:		Mean 7.30 N/mm^2 [$\scriptstyle \perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:		
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
Water Absorption:		NPD		Reaction to fire:		NPD
Water vapour diffusion co						Euroclass A1
Direct airborne sound ins	Fixed Value:	5/10		Water absorption:		NPD
Direct all borne soulid lifs		730 kg/m ³		Water vapour diffusion coe	fficient: Fixed Value:	5/10
	Gross density:	·		Direct airborne sound insu	lation:	
-	Configuration:	As Above			Gross density: Configuration:	730 kg/m³ As above
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	-	0.16 W/m.K [λ _{10,dry unit} , S2]
Durability against freeze-t	thaw:	NPD		Durability against freeze-th	aw:	NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Dang appropriate form. See An		vill only be given when and where required in the 1-4:2011.]	Note: Information on Dange appropriate form. See Anne		only be given when and where required in the :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:

alla lathering Full name: Carl Cuthbert

Position: Quality Manager

	5 Grange Park Northamp	ng Products Limited Court, Roman Way oton, NN4 5EA		I	DOP/HANU The undersigned, rej Forterra Buildin 5 Grange Park Northamp	In Performance IN/TH/6300353 presenting the following: g Products Limited Court, Roman Way ton, NN4 5EA rms that:
	Hi Strength 7 F	Paint Grade Smooth 12				aint Grade Smooth 12
Category II, 4	140 x 140 x 215 mm au	toclaved aerated concrete masonry units		Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 1	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 product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:		Solid		Dimensional tolerances:	eeteen "	CDI M (uplace stated athenuise on the delivery ticket)
Compressive strength:		Mean 7.30 N/mm^2 [$\!\!\!\perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:		
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
Water Absorption:		NPD		5		NPD
Water vapour diffusion co				Reaction to fire:		Euroclass A1
Direct side	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound ins				Water vapour diffusion coe		540
	Gross density:	730 kg/m ³		Direct airborne sound insu	Fixed Value: lation:	5/10
	Configuration:	As Above			Gross density: Configuration:	730 kg/m ³ As above
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	Conniguration.	0.16 W/m.K [λ _{10,dry unit,} S2]
Durability against freeze-	thaw:	NPD		Durability against freeze-th	aw:	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.]	0		only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6300353

The performance of the product 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:

alla lathering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300360 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
		aint Grade Smooth 12		Hi Strength 7 Pa	aint Grade Smooth 12
Category II, 4 Dimensions: 440 (mm) x 1 Dimensional tolerances:		toclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 44	40 x 150 x 215 mm, au product conforms: Sta	ropean Standard: BS EN 771-4:2011 utoclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength: Dimension Stability:		Solid Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Shear Bond Strength:	Moisture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm ²	Compressive strength: Dimensional stability:	Moisture Movement:	Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:		NPD Euroclass A1	Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption: Water vapour diffusion co	Fixed Value:	NPD 5/10	Reaction to fire: Water absorption:		Euroclass A1 NPD
Direct airborne sound ins	ulation: Gross density: Configuration:	730 kg/m ³ As Above	Water vapour diffusion coe Direct airborne sound insul	Fixed Value:	5/10 730 ka/m ³
Thermal conductivity: Durability against freeze-t	-	0.16 W/m.K [λ _{10,dry unit} , S2] NPD	Thermal conductivity: Durability against freeze-th	Configuration:	As above 0.16 W/m.Κ [λ _{10,dry unit,} S2]
Dangerous Substances: See Note Dangerous Substances: 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 will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.			See Note 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:

alla lathering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011				Declaration of Performance DOP/HANUK/TH/6300377 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:			
	Hi Strength 7 F	Paint Grade Smooth 12			Hi Strength 7 Pa	aint Grade Smooth 12	
Category II.	440 x 190 x 215 mm au	toclaved aerated concrete masonry units		Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x				Category II, 44	10 x 190 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid	
Dimension Stability:	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:	Malation Manager	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:		
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:		NPD		Reaction to fire:			
Water vapour diffusion c	oefficient : Fixed Value:	5/10				Euroclass A1	
Direct airborne sound ins		0/10		Water absorption:		NPD	
	Gross density:	730 kg/m ³		Water vapour diffusion coef	ficient: Fixed Value:	5/10	
	Configuration:	As Above		Direct airborne sound insul		730 kg/m ³	
Thermal conductivity:	-	0.16 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:	Configuration:	As above	
Durability against freeze-	-thaw:	NPD		2		0.16 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:		See Note		Durability against freeze-tha	aw:	NPD	
				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.	J	Note: Information on Dange appropriate form. See Anne		only be given when and where required in the :2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300377

The performance of the product 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:

alla lathering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300384 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:			
His	Strength 7	Paint Grade Smooth 12			aint Grade Smooth 12	
Category II, 440 x 200 >	< 215 mm a	utoclaved aerated concrete masonry units	Conforms to	the Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 200 (mm) x		····· , ···· , ····	Category II, 440	x 200 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm 2 [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	calegoly.	Solid	
Dimension Stability: Moisture N	Novement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fi	xed value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:		NPD	Shear Bond strength:	oisture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient	: xed Value:	5/10	Water absorption:		Euroclass A1	
Direct airborne sound insulation:	teu value.		·		NPD	
Gros	ss density:	730 kg/m ³	Water vapour diffusion coeffic	Fixed Value:	5/10	
	ifiguration:	As Above	Direct airborne sound insulation	Gross density:	730 kg/m ³	
Thermal conductivity:		0.16 W/m.K [$\lambda_{10,dry unit}$, S2]	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:		NPD	Durability against freeze-thaw		0.16 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:		See Note		•	NPD	
Note: Information on Dangerous su appropriate form. See Annex ZA3 o		vill only be given when and where required in the 1-4:2011.	Dangerous Substances: Note: Information on Dangerou appropriate form. See Annex 2		See Note only be given when and where required in the :2011.	

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

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

Signed on behalf of the manufacturer:

alla lathering

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011				[DOP/HANU The undersigned, rep Forterra Buildin 5 Grange Park (Northampt	IF Performance IK/TH/6300391 presenting the following: g Products Limited Court, Roman Way ton, NN4 5EA rms that:	
	Hi Strength 7 F	Paint Grade Smooth 12			Hi Strength 7 Pa	aint Grade Smooth 12	
Category II.	440 x 215 x 215 mm aι	toclaved aerated concrete masonry units		Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 3		,		Category II, 44	40 x 215 x 215 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances:		GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid		Dimensional tolerances:	category;	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid	
Dimension Stability:	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:	Maintura Managarati	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:		
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:		NPD		Reaction to fire:			
Water vapour diffusion c		5/40				Euroclass A1	
Direct airborne sound in	Fixed Value: sulation:	5/10		Water absorption:		NPD	
	Gross density:	730 kg/m ³		Water vapour diffusion coef	fficient: Fixed Value:	5/10	
	Configuration:	As Above		Direct airborne sound insul		730 kg/m ³	
Thermal conductivity:	Comguration.	0.16 W/m.K [λ _{10.dry unit} , S2]			Configuration:	As above	
Durability against freeze	thoug	NPD		Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]	
	-ulaw:			Durability against freeze-tha	aw:	NPD	
Dangerous Substances:		See Note		Dangerous Substances:		See Note	
Note: Information on Dar appropriate form. See Ar		vill only be given when and where required in the 1-4:2011.	j l	Note: Information on Dange appropriate form. See Anne		only be given when and where required in the :2011.	

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:

alla lathering Full name: Carl Cuthbert

Position: Quality Manager

(E		Dec		of Performance JK/TH/6301190
			The	e undersigned, re	presenting the following:
Forterra Build 5 Grange Pai Northar		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS E	N 771-4:2011			Confi	irms that:
Large Format Hi Stre	ength 7 Paint Grade Smooth 12		Large	Format Hi Stren	gth 7 Paint Grade Smooth 12
Category II, 440 x 100 x 430 mm a	autoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 100 (mm) x 430 (mm)			Category II, 440 x 1	00 x 430 mm, au	utoclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:		
Compressive strength:	Mean 7.30 N/mm^2 [$\scriptscriptstyle \perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:	· · · · · · · · · · · · · · · · · · ·	
Flexural Bond Strength:	NPD		Mois Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
Water Absorption:	NPD		Reaction to fire:		NPD
Water vapour diffusion coefficient :					Euroclass A1
Fixed Value: Direct airborne sound insulation:	5/10		Water absorption:		NPD
	720 kg/m ³		Water vapour diffusion coefficien	nt: Fixed Value:	5/10
Gross density:	0		Direct airborne sound insulation	:	
Configuration:				Gross density: Configuration:	730 kg/m ³ As above
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]
Durability against freeze-thaw:	NPD		Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note		Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.]	Note: Information on Dangerous appropriate form. See Annex ZA		only be given when and where required in the 4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301190

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra l 5 Grange Nor B	_	Declaration of Performance DOP/HANUK/TH/6301329 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that: Large Format Hi Strength 7 Paint Grade Smooth			
Large Format Hi	Strength 7 Paint Grade Smooth 12		La	arge Format Hi Stren	gth 7 Paint Grade Smooth 12
Category II, 440 x 140 x 430 n Dimensions: 440 (mm) x 140 (mm) x 430 (r	nm autoclaved aerated concrete masonry units		Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 140 x 430 mm, autoclaved aerated concrete masonry units		
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ory: ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:		× · · ·
Compressive strength:	Mean 7.30 N/mm^2 [$\scriptscriptstyle \perp$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movem	ent: Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed va	lue: 0.15 N/mm ²		Dimensional stability:		
Flexural Bond Strength:	NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption:	NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coefficient : Fixed Va	lue: 5/10		Water absorption:		
Direct airborne sound insulation:			Water vapour diffusion coef	ficient	NPD
Gross den:	sity: 730 kg/m ³			Fixed Value:	5/10
Configurat	ion: As Above		Direct airborne sound insula	Gross density:	730 kg/m ³
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit,} S2]		Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	NPD		Durability against freeze-tha	NW.	$0.16 \text{ W/m.K} [\lambda_{10,dry unit,} S2]$
Dangerous Substances:	See Note				NPD
Note: Information on Dangerous substan appropriate form. See Annex ZA3 of BS E	ces will only be given when and where required in the N 771-4:2011.		Dangerous Substances: Note: Information on Danger appropriate form. See Annex		See Note only be given when and where required in the I:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301329

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

CE				DOP/HANU	of Performance JK/TH/6300674 presenting the following:	
Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EI	N 771-4:2011		Confi	irms that:	
	Tre	enchblock 12		Tren	chblock 12	
Category II, 440 x 255 x 2	5 mm a	nutoclaved aerated concrete masonry units	Conforms to the	Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 255 (mm) x 2			Category II, 440 x 2	55 x 215 mm, au	itoclaved aerated concrete masonry units	
Dimensional tolerances:	tegory:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 3.60 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid	
Dimension Stability: Moisture Mov	ement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed	value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:		NPD	Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient :	Values	5/40			Euroclass A1	
Fixed Direct airborne sound insulation:	Value:	5/10	Water absorption:		NPD	
	lensity:	600 kg/m ³	Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
	uration:	5	Direct airborne sound insulation:		600 kg/m ³	
Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit} , S2]	-	Configuration:	As above	
Durability against freeze-thaw:		Resistant to Freeze Thaw	Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit} , S2]	
Dangerous Substances:		See Note	Durability against freeze-thaw:		Resistant to Freeze Thaw	
Dangerous Substances.			Dangerous Substances:		See Note	
Note: Information on Dangerous subs appropriate form. See Annex ZA3 of E		will only be given when and where required in the 71-4:2011.	Note: Information on Dangerous appropriate form. See Annex ZA3		only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300674

The performance of the product 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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Bui 5 Grange Pa Northa	Declaration of Performance DOP/HANUK/TH/6300681 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
BS E	N 771-4:2011		Confi	irms that:	
Т	enchblock 12		Tren	chblock 12	
Category II. 440 x 275 x 215 mm	autoclaved aerated concrete masonry units	Conforms to the	Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 275 (mm) x 215 (mm		Category II, 440 x 2	75 x 215 mm, au	itoclaved aerated concrete masonry units	
Dimensional tolerances: category	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid	Dimensional tolerances:	ootogonu	CDI M (unloss stated athenuise on the delivery ticket)	
Compressive strength:	Mean 3.60 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	NPD	Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient : Fixed Value	5/10	Water absorption:		Euroclass A1	
Direct airborne sound insulation:	5,10		-4-	NPD	
Gross density	600 kg/m ³	Water vapour diffusion coefficier	Fixed Value:	5/10	
Configuration	As Above	Direct airborne sound insulation:	Gross density:	600 kg/m ³	
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw:		0.13 W/m.K [$\lambda_{10,dry unit}$, S2]	
Dangerous Substances:	See Note	Dangerous Substances:		Resistant to Freeze Thaw See Note	
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN	will only be given when and where required in the 71-4:2011.			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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited					DOP/HANU undersigned, re	DF Performance JK/TH/6300698 presenting the following:	
5 Grange Park Court, Roman Way Northampton, NN4 5EA			-	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EI	N 771-4:2011			Confi	irms that:	
	Tre	nchblock 12			Tren	chblock 12	
Category II, 440 x 300 x 2	5 mm a	utoclaved aerated concrete masonry units		Conforms to the	Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 300 (mm) x 2	5 (mm)			Category II, 440 x 3	00 x 215 mm,au	toclaved aerated concrete masonry units	
Dimensional tolerances:	tegory:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 3.60 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category.	Solid	
Dimension Stability: Moisture Mov	ement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed	value:	0.15 N/mm ²		Dimensional stability:	ture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD		Shear Bond strength:		_	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:		NPD		Reaction to fire:			
Water vapour diffusion coefficient :	Value:	5/10		Water absorption:		Euroclass A1	
Direct airborne sound insulation:	value.	5/10				NPD	
Gross	lensity:	600 kg/m ³		Water vapour diffusion coefficier	it: Fixed Value:	5/10	
	uration:	As Above		Direct airborne sound insulation:	Gross density:	600 kg/m ³	
Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit,} S2]		Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:		Resistant to Freeze Thaw		Durability against freeze-thaw:		0.13 W/m.K [λ _{10,dry unit} , S2]	
Dangerous Substances:		See Note		Dangerous Substances:		Resistant to Freeze Thaw	
Note: Information on Dangerous subs appropriate form. See Annex ZA3 of E		will only be given when and where required in the 71-4:2011.				See Note only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300698

The performance of the product 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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

			DOP/HANU	DF Performance JK/TH/6300704 presenting the following:		
Forterra Bui 5 Grange Pa Northa		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
BS E	N 771-4:2011			Conf	irms that:	
Т	renchblock 12			Tren	ichblock 12	
Category II. 440 x 355 x 215 mm	autoclaved 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 3	55 x 215 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	ootogon <i>i</i> :	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 3.60 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid	
Dimension Stability: Moisture Movement	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ure Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:	NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficient :					Euroclass A1	
Fixed Value Direct airborne sound insulation:	5/10		Water absorption:		NPD	
Gross density	600 kg/m ³		Water vapour diffusion coefficier	it: Fixed Value:	5/10	
Configuration	·		Direct airborne sound insulation:		600 kg/m ³	
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit} , S2]		_	Configuration:	As above	
Durability against freeze-thaw:	Resistant to Freeze Thaw		Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note		Durability against freeze-thaw:		Resistant to Freeze Thaw	
Dangerous Substances.			Dangerous Substances:		See Note	
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN	will only be given when and where required in the 771-4:2011.	l	Note: Information on Dangerous appropriate form. See Annex ZA3	substances will s of BS EN 771-4	only be given when and where required in the 4:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300704

The performance of the product 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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

		Dec		Df Performance		
			The	e undersigned, re	presenting the following:	
Forterra Bu 5 Grange F North		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
BS	EN 771-4:2011			Conf	ïrms that:	
	Frenchblock 12			Tren	nchblock 12	
Category II 440 x 255 x 140 mr	n autoclaved aerated concrete masonry units		Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011	
			Category II, 440 x 2	55 x 140 mm, au	utoclaved aerated concrete masonry units	
Dimensions: 440 (mm) x 255 (mm) x 140 (mm Dimensional tolerances: categor	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:			
Compressive strength:	Mean 3.60 N/mm^2 [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movemer	t: Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed valu	e: 0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:		
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 Valu Direct airborne sound insulation:	e: 5/10		Water absorption:		NPD	
Gross densit	y: 600 kg/m ³		Water vapour diffusion coefficien	nt: Fixed Value:	5/10	
Configuratio			Direct airborne sound insulation:			
Thermal conductivity:	0.13 W/m.K [λ _{10.dry unit} , S2]		-	Configuration:		
Durability against freeze-thaw:	Resistant to Freeze Thaw		Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note		Durability against freeze-thaw:		Resistant to Freeze Thaw	
-			Dangerous Substances:	aubatanaaa	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.	J	appropriate form. See Annex ZA3	Substances Will B of BS EN 771-4	l only be given when and where required in the 4:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6301237

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

Signed on behalf of the manufacturer:

al la lathlering

Position: Quality Manager

CE				DOP/HANU	of Performance IK/TH/6301244 presenting the following:	
Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EN	771-4:2011		Confi	rms that:	
	Tre	nchblock 12			chblock 12	
Category II, 440 x 27	5 x 140 mm ai	utoclaved aerated concrete masonry units	Conforms to the	Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 275 (mm		····· , · · · · · · · · · · · · · · · ·	Category II, 440 x 2	75 x 140 mm,au	toclaved 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:	ootogory;	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 3.60 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid	
	e Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:		NPD	Shear Bond strength:	ure Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:		NPD	Reaction to fire:			
Water vapour diffusion coefficier	nt : Fixed Value:	5/10	Water absorption:		Euroclass A1	
Direct airborne sound insulation:		0,10	•		NPD	
Gi	ross density:	600 kg/m ³	Water vapour diffusion coefficien	Fixed Value:	5/10	
C	onfiguration:	As Above	Direct airborne sound insulation:	Gross density:	600 kg/m ³	
Thermal conductivity:		$0.13 \text{ W/m.K} [\lambda_{10,dry unit}, S2]$	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:		Resistant to Freeze Thaw	Durability against freeze-thaw:		0.13 W/m.K [λ _{10,dry unit} , S2]	
Dangerous Substances:		See Note			Resistant to Freeze Thaw	
Note: Information on Dangerous appropriate form. See Annex ZA3		vill only be given when and where required in the 1-4:2011.	Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA3		See Note only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6301244

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

Signed on behalf of the manufacturer:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

		Declaration of Performance DOP/HANUK/TH/6301251 The undersigned, representing the following:				
Forterra Bui 5 Grange Pa Northa		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
BSE	EN 771-4:2011			Conf	ïrms that:	
т	renchblock 12			Tren	nchblock 12	
Category II. 440 x 300 x 140 mm	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 (mm			Category II, 440 x 3	00 x 140 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	ootogon <i>i</i> :	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 3.60 N/mm^2 [$_{\!\!\!\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid	
Dimension Stability: Moisture Movement	: Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value	: 0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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	: 600 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration	Ū.		Direct airborne sound insulation:			
Thermal conductivity:	0.13 W/m.K [λ _{10.dry unit} , S2]		_	Configuration:		
Durability against freeze-thaw:	Resistant to Freeze Thaw		Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit} , S2]	
Dangerous Substances:	See Note		Durability against freeze-thaw:		Resistant to Freeze Thaw	
Dangerous Substances.			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.	J I	Note: Information on Dangerous appropriate form. See Annex ZA3	substances will 3 of BS EN 771-4	l only be given when and where required in the 4:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6301251

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

Declaration of Performance DOP/HANUK/TH/6301374 The undersigned, representing the following: Forterra Building Products Limited Forterra Building Products Limited 5 Grange Park Court, Roman Way 5 Grange Park Court, Roman Way Northampton, NN4 5EA Northampton, NN4 5EA BS EN 771-4:2011 Confirms that: Trenchblock Trenchblock 12 12 Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 355 x 140 mm autoclaved aerated concrete masonry units Category II. 440 x 355 x 140 mm. autoclaved aerated concrete masonry units Dimensions: 440 (mm) x 355 (mm) x 140 (mm) Dimensional tolerances: GPLM (unless stated otherwise on the delivery Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 category: ticket) Regulation (EU): 305/2011 Solid Dimensional tolerances: Configuration: category: GPLM (unless stated otherwise on the delivery ticket) Mean 3.60 N/mm² [1 bed face, whole unit], [Cat II] Compressive strength: Configuration: Solid **Dimension Stability:** Compressive strength: Moisture Movement: Nominal 0.50 mm/m Mean 3.60 N/mm² [+ bed face, whole unit]. [Cat II] Shear Bond Strength: Dimensional stability: 0.15 N/mm² Fixed value: Moisture Movement: Nominal 0 50 mm/m Flexural Bond Strength: NPD Shear Bond strength: Fixed value: 0.15 N/mm² Reaction to fire: Euroclass A1 Flexural Bond Strength: NPD NPD Water Absorption: Reaction to fire: Euroclass A1 Water vapour diffusion coefficient : Fixed Value: 5/10 Water absorption: NPD Direct airborne sound insulation: Water vapour diffusion coefficient: Gross density: 600 kg/m³ Fixed Value: 5/10 Direct airborne sound insulation: As Above Configuration: 600 ka/m³ Gross density: Configuration: As above Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Thermal conductivity: 0.13 W/m.K [λ_{10,dry unit}, S2] Durability against freeze-thaw: Resistant to Freeze Thaw Durability against freeze-thaw: Resistant to Freeze Thaw **Dangerous Substances:** See Note **Dangerous Substances:** See Note Note: Information on Dangerous substances will only be given when and where required in the Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011. appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301374

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

Signed on behalf of the manufacturer:

Ach lathere Full name: Carl Cuthbert

Position: Quality Manager

Forterra Build 5 Grange Park Northam	Declaration of Performance DOP/HANUK/TH/6300544 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
BS EN	I 771-4:2011		Confi	irms that:	
Trenchl	block T and G 12			lock T and G 12	
Category II, 440 x 255 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 255 (mm) x 215 (mm)	-	Category II, 440 x 2	55 x 215 mm, au	toclaved 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 3.60 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	NPD	Moist Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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 coefficier		5/40	
Gross density:	600 kg/m ³	Direct airborne sound insulation:	Fixed Value:	5/10	
Configuration:	As Above		Gross density: Configuration:	600 kg/m ³ As above	
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit,} S2]	Thermal conductivity:	comgaration.	0.13 W/m.K [λ _{10.drv unit} S2]	
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw:		Resistant to Freeze Thaw	
Dangerous Substances:	See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous substances a appropriate form. See Annex ZA3 of BS EN 77	will only be given when and where required in the '1-4:2011.			only be given when and where required in the	

See Also Declaration of Performance DOP/HANUK/TH/6300544

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011		Declaration of Performance DOP/HANUK/TH/6300551 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
Trench	block T and G 12		Trenchb	ock T and G 12
Category II, 440 x 275 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 275 (mm) x 215 (mm)		Category II, 440 x 2	75 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	catogory"	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 3.60 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm ²	Dimensional stability:	turo Mourana'	Naminal 0.50 mm/m
Flexural Bond Strength:	NPD	MOIST Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption:	NPD	Reaction to fire:		
Water vapour diffusion coefficient : Fixed Value:	5/10			Euroclass A1
Direct airborne sound insulation:	5/10	Water absorption:		NPD
Gross density:	600 kg/m ³	Water vapour diffusion coefficier	Fixed Value:	5/10
Configuration:	5	Direct airborne sound insulation:	Gross density:	600 kg/m ³
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw:		0.13 W/m.K [$\lambda_{10,dry unit}$, S2]
Dangerous Substances:	See Note			Resistant to Freeze Thaw
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA3		See Note only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300551

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Buildi 5 Grange Park Northam		Declaration of Performance DOP/HANUK/TH/6300568 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA				
BS EN	771-4:2011			Confi	irms that:	
Trencht	block T and G 12			Trenchbl	lock T and G 12	
Category II, 440 x 300 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 300 (mm) x 215 (mm)	-		Category II, 440 x 3	00 x 215 mm, au	itoclaved 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:	ootogon <i>i</i> :	CPI M (upless stated athenuise on the delivery ticket)	
Compressive strength:	Mean 3.60 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:	NPD		Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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:	600 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration:	As Above		Direct airborne sound insulation:		600 kg/m ³	
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit} , S2]			Configuration:	As above	
2	Resistant to Freeze Thaw		Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit} , S2]	
Durability against freeze-thaw:			Durability against freeze-thaw:		Resistant to Freeze Thaw	
Dangerous Substances:	See Note		Dangerous Substances:		See Note	
Note: Information on Dangerous substances was 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 Dangerous appropriate form. See Annex ZA3		only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300568

Date: 05 October 2015

Full name: Carl Cuthbert

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

al la lathlering

Position: Quality Manager

Signed on behalf of the manufacturer:

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		Declaration of Performance DOP/HANUK/TH/6300575 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS EN	771-4:2011		Confi	rms that:	
Trencht	llock T and G 12			ock T and G 12	
Category II, 440 x 355 x 215 mm at	utoclaved aerated concrete masonry units	Conforms to the	Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 355 (mm) x 215 (mm)		Category II, 440 x 35	55 x 215 mm, au	toclaved 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:	ootogon "	CDI M (uplace stated attenuise on the delivery ticket)	
Compressive strength:	Mean 3.60 N/mm^2 [⊥ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed value:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:	NPD	Moist Shear Bond strength:	ure Movement:	Nominal 0.50 mm/m	
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
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	
	coo != /= ³	Water vapour diffusion coefficien	t: Fixed Value:	5/10	
Gross density:	600 kg/m ³	Direct airborne sound insulation:			
Configuration:	As Above		Gross density: Configuration:	600 kg/m³ As above	
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	-	0.13 W/m.K [λ _{10,dry unit,} S2]	
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw:		Resistant to Freeze Thaw	
Dangerous Substances:	See Note	Dangerous Substances:		See Note	
Note: Information on Dangerous 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 Dangerous appropriate form. See Annex ZA3		only be given when and where required in the 22011.	

See Also Declaration of Performance DOP/HANUK/TH/6300575

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Build 5 Grange Pari Northam		Declaration of Performance DOP/HANUK/TH/6300407 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	N 771-4:2011			Confi	rms that:
Hi Strengt	h 7 Trenchblock 12				7 Trenchblock 12
Category II, 440 x 255 x 215 mm a	utoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 255 (mm) x 215 (mm)			Category II, 440 x 2	55 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:	Mean 7.30 N/mm 2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm ²		Dimensional stability:	ture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD		Shear Bond strength:		
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² 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:	730 kg/m ³		Water vapour diffusion coefficier	Fixed Value:	5/10
Configuration:	As Above		Direct airborne sound insulation	: Gross density:	730 kg/m ³
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit,} S2]		Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	Resistant to Freeze Thaw		-		$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$
Dangerous Substances:	See Note		Durability against freeze-thaw:		Resistant to Freeze Thaw
			Dangerous Substances: Note: Information on Dangerous	substances will	See Note only be given when and where required in the
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.	J I	appropriate form. See Annex ZA3		

See Also Declaration of Performance DOP/HANUK/TH/6300407

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		Declaration of Performance DOP/HANUK/TH/6300414 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
Hi Strengt	h 7 Trenchblock 12		Hi Strength	7 Trenchblock 12
Category II, 440 x 275 x 215 mm a Dimensions: 440 (mm) x 275 (mm) x 215 (mm) Dimensional tolerances: category:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 440 x 2	75 x 215 mm,au ct conforms: Sta	ropean Standard: BS EN 771-4:2011 utoclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength: Dimension Stability:	Solid Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Shear Bond Strength: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm ²	Compressive strength: Dimensional stability: Moisi	ture Movement:	Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1	Shear Bond strength: Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption: Water vapour diffusion coefficient : Fixed Value:	NPD 5/10	Reaction to fire: Water absorption:		Euroclass A1
Direct airborne sound insulation: Gross density: Configuration:	730 kg/m ³ As Above	Water vapour diffusion coefficier	Fixed Value: Gross density:	5/10 730 kg/m ³
Thermal conductivity: Durability against freeze-thaw:	0.16 W/m.K [λ _{10,dry unit} ,S2] Resistant to Freeze Thaw	Thermal conductivity: Durability against freeze-thaw:	Configuration:	As above 0.16 W/m.K [λ _{10,dry unit,} S2]
Dangerous Substances: Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77	See Note will only be given when and where required in the /1-4:2011.	Dangerous Substances:		Resistant to Freeze Thaw See Note only be given when and where required in the I:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300414

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Build 5 Grange Part Northam	Declaration of Performance DOP/HANUK/TH/6300421 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	N 771-4:2011		Confi	rms that:
ni Strengt	h 7 Trenchblock 12			7 Trenchblock 12
Category II, 440 x 300 x 215 mm a	utoclaved aerated concrete masonry units	Conforms to the	e Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 300 (mm) x 215 (mm)		Category II, 440 x 3	00 x 215 mm, au	toclaved 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:	ootogonu	CDI M (upless stated athenuise on the delivery ticket)
Compressive strength:	Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value:	0.15 N/mm ²	Dimensional stability:		
Flexural Bond Strength:	NPD	Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption:	NPD	Reaction to fire:		
Water vapour diffusion coefficient : Fixed Value:	5/10	Water absorption:		Euroclass A1
Direct airborne sound insulation:	5.10			NPD
Gross density:	730 kg/m ³	Water vapour diffusion coefficier	Fixed Value:	5/10
Configuration:	As Above	Direct airborne sound insulation	: Gross density:	730 kg/m ³
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw:	Resistant to Freeze Thaw	Durability against freeze-thaw:		$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S2]$
Dangerous Substances:	See Note			Resistant to Freeze Thaw
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.	Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA3		See Note only be given when and where required in the :2011.

See Also Declaration of Performance DOP/HANUK/TH/6300421

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		Declaration of Performance DOP/HANUK/TH/6300438 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		
	th 7 Trenchblock			7 Trenchblock
	12			12
Category II, 440 x 355 x 215 mm a	nutoclaved aerated concrete masonry units	Conforms to the	e Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 355 (mm) x 215 (mm)		Category II, 440 x 3	55 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:	Solid	Dimensional tolerances:	ootogon <i>i</i> :	CPI M (upless stated attenuing on the delivery ticket)
Compressive strength:	Mean 7.30 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: Shear Bond Strength:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]
Fixed value:	0.15 N/mm ²	Dimensional stability:	ture Movement:	Nominal 0.50 mm/m
Flexural Bond Strength:	NPD	Shear Bond strength:		
Reaction to fire:	Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
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 kg/m ³	Water vapour diffusion coefficier	nt: Fixed Value:	5/10
Configuration:	5	Direct airborne sound insulation	:	730 kg/m ³
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit} , S2]		Gross density: Configuration:	As above
	Resistant to Freeze Thaw	Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]
Durability against freeze-thaw:		Durability against freeze-thaw:		Resistant to Freeze Thaw
Dangerous Substances:	See Note	Dangerous Substances:		See Note
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	will only be given when and where required in the 71-4:2011.	Note: Information on Dangerous appropriate form. See Annex ZA		only be given when and where required in the I:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300438

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6301169 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		JK/TH/6301169 epresenting the following: ng Products Limited Court, Roman Way oton, NN4 5EA	
Hi Streng	th 7 Trenchblock 12			Hi Strength	7 Trenchblock 12	
Category II, 440 x 275 x 140 mm a	nutoclaved aerated concrete masonry units		Conforms to the	e Harmonised Eu	ropean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 275 (mm) x 140 (mm)	-		Category II, 440 x 2	75 x 140 mm, au	utoclaved aerated concrete masonry units	
Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery ticket)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:	Solid		Dimensional tolerances:	category	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:	Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid	
Dimension Stability: Moisture Movement: Shear Bond Strength:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Fixed value:	0.15 N/mm ²		Dimensional stability:	ture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:	NPD		Shear Bond strength:			
Reaction to fire:	Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:	NPD		Reaction to fire:			
Water vapour diffusion coefficient : Fixed Value:	5/10				Euroclass A1	
Direct airborne sound insulation:	on to		Water absorption:		NPD	
Gross density:	730 kg/m ³		Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
Configuration:	5		Direct airborne sound insulation	: Gross density:	730 kg/m ³	
Thermal conductivity:	0.16 W/m.K [λ _{10.dry unit} , S2]		Thormal conductivity:	Configuration:	As above	
Durability against freeze-thaw:	Resistant to Freeze Thaw		Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:	See Note		Durability against freeze-thaw:		Resistant to Freeze Thaw	
, i i i i i i i i i i i i i i i i i i i			Dangerous Substances:	aubatanaaa!!!	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 Dangerous appropriate form. See Annex ZA3		l only be given when and where required in the 4:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6301169

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011		Declaration of Performance DOP/HANUK/TH/6301596 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
Hi Strengt	h 7 Trenchblock 12			7 Trenchblock 12
Category II, 440 x 300 x 140 mm a Dimensions: 440 (mm) x 300 (mm) x 140 (mm) Dimensional tolerances: category:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)	Category II, 440 x 3	00 x 140 mm,au ct conforms: Sta	ropean Standard: BS EN 771-4:2011 itoclaved aerated concrete masonry units indard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength: Dimension Stability:	Solid Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Shear Bond Strength: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm ²	Compressive strength: Dimensional stability:	ture Movement:	Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1	Shear Bond strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption: Water vapour diffusion coefficient : Fixed Value:	NPD 5/10	Reaction to fire: Water absorption:		Euroclass A1
Direct airborne sound insulation: Gross density:	730 kg/m ³	Water vapour diffusion coefficier	nt: Fixed Value:	NPD 5/10
Configuration:	As Above	Direct airborne sound insulation	: Gross density: Configuration:	730 kg/m ³ As above
Thermal conductivity: Durability against freeze-thaw:	0.16 W/m.K [λ _{10,dry unit} , S2] Resistant to Freeze Thaw	Thermal conductivity: Durability against freeze-thaw:		0.16 W/m.K [λ _{10,dry unit,} S2] Resistant to Freeze Thaw
Dangerous Substances: Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 77	See Note will only be given when and where required in the r1-4:2011.	Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA:		See Note only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6301596

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011		Declaration of Performance DOP/HANUK/TH/6301336 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
Hi Streng	th 7 Trenchblock 12			7 Trenchblock 12
Category II, 440 x 355 x 140 mm a Dimensions: 440 (mm) x 355 (mm) x 140 (mm) Dimensional tolerances: category:	GPLM (unless stated otherwise on the delivery	Category II, 440 x 3	55 x 140 mm,au ct conforms: Sta	ropean Standard: BS EN 771-4:2011 itoclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Compressive strength: Dimension Stability: Moisture Movement:	Solid Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II] Nominal 0.50 mm/m	Dimensional tolerances: Configuration: Compressive strength:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value: Flexural Bond Strength: Reaction to fire:	0.15 N/mm ² NPD Euroclass A1	Dimensional stability: Moist Shear Bond strength: Flexural Bond Strength:	ture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm ² NPD
Water Absorption: Water vapour diffusion coefficient : Fixed Value:	NPD 5/10	Reaction to fire: Water absorption:		Euroclass A1
Direct airborne sound insulation: Gross density: Configuration:	5	Water vapour diffusion coefficier	Fixed Value: Gross density:	5/10 730 kg/m ³
Thermal conductivity: Durability against freeze-thaw: Dangerous Substances:	0.16 W/m.K [λ _{10,dry unit,} S2] Resistant to Freeze Thaw See Note	Thermal conductivity: Durability against freeze-thaw:	Configuration:	As above 0.16 W/m.K [λ _{10,dry unit} , S2] Resistant to Freeze Thaw
Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7	Dangerous Substances: Note: Information on Dangerous appropriate form. See Annex ZA3		See Note only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6301336

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300162 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:			
	Hi Strength 7 T	renchblock T and G 12			renchblock T and G 12	
Category II, 440 x 255 x 215 mm autoclaved aerated concrete masonry units			Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 255 (r			Category II, 44	40 x 255 x 215 mm,au	toclaved aerated concrete masonry units	
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid	
Dimension Stability: Mois Shear Bond Strength:	sture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
onear bona otrength.	Fixed value:	0.15 N/mm ²	Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD	Shear Bond strength:			
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:		NPD	Reaction to fire:			
Water vapour diffusion coeffic	cient : Fixed Value:	5/10	Water absorption:		Euroclass A1	
Direct airborne sound insulati			Water vapour diffusion coe	fficient	NPD	
	Gross density:	730 kg/m ³		Fixed Value:	5/10	
	Configuration:	As Above	Direct airborne sound insul	Gross density:	730 kg/m ³	
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	<i>r</i> :	Resistant to Freeze Thaw	Durability against freeze-tha	aw:	0.16 W/m.K [$\lambda_{10,dry unit}$, S2]	
Dangerous Substances:		See Note	Dangerous Substances:		Resistant to Freeze Thaw See Note	
Note: Information on Dangero appropriate form. See Annex 2		vill only be given when and where required in the 1-4:2011.			only be given when and where required in the	

See Also Declaration of Performance DOP/HANUK/TH/6300162

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300179 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
	Hi Strength 7 T	renchblock T and G 12			enchblock T and G 12
Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units			Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 440 (mm) x 275		······ , -····	Category II, 44	40 x 275 x 215 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:		Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:		Mean 7.30 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	calegory.	Solid
	isture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm ²	Dimensional stability:	Malation Manager 1	
Flexural Bond Strength:		NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption:		NPD	Reaction to fire:		
Water vapour diffusion coeffi	icient : Fixed Value:	5/10	Water absorption:		Euroclass A1
Direct airborne sound insulat			Water vapour diffusion coef	ficiont:	NPD
	Gross density:	730 kg/m ³		Fixed Value:	5/10
	Configuration:	As Above	Direct airborne sound insula	Gross density:	730 kg/m ³
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	Configuration:	As above
Durability against freeze-thav	w:	Resistant to Freeze Thaw	Durability against freeze-tha	aw:	0.16 W/m.K [λ _{10,dry unit} , S2]
Dangerous Substances:		See Note	Dangerous Substances:		Resistant to Freeze Thaw See Note
Note: Information on Danger appropriate form. See Annex		vill only be given when and where required in the 1-4:2011.			only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6300179

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011			Declaration of Performance DOP/HANUK/TH/6300186 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:			
	Hi Strength 7 T	renchblock T and G 12			renchblock T and G 12	
Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units			Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 300 (n			Category II, 44	40 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 product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm^2 [⊥ bed face, whole unit]. [Cat II]	Configuration:	categoly.	Solid	
	ture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²	Dimensional stability:	Malation Manager 1		
Flexural Bond Strength:		NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:		NPD	Reaction to fire:			
Water vapour diffusion coeffic	ient : Fixed Value:	5/10	Water absorption:		Euroclass A1	
Direct airborne sound insulation		0.10		14 - 1 4 -	NPD	
	Gross density:	730 kg/m ³	Water vapour diffusion coef	Fixed Value:	5/10	
	Configuration:	As Above	Direct airborne sound insula	Gross density:	730 kg/m ³	
Thermal conductivity:		$0.16 \text{ W/m.K} [\lambda_{10,dry unit}, S2]$	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw: Resistant to Freeze Thaw			Durability against freeze-tha	aw:	0.16 W/m.K [λ _{10,dry unit} , S2]	
Dangerous Substances:		See Note	Dangerous Substances:		Resistant to Freeze Thaw See Note	
Note: Information on Dangeron appropriate form. See Annex Z		vill only be given when and where required in the 1-4:2011.			only be given when and where required in the	

See Also Declaration of Performance DOP/HANUK/TH/6300186

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

	5 Grange Park Northamp	ng Products Limited Court, Roman Way oton, NN4 5EA	Declaration of Performance DOP/HANUK/TH/6300193 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
		renchblock T and G			rms that: renchblock T and G	
	-	12		ni Strength / Tr	12	
Category II, 440 x 355 x 215 mm autoclaved aerated concrete masonry units			Conforms t	o the Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 440 (mm) x 355 (m	m) x 215 (mm)		Category II, 44	0 x 355 x 215 mm, au	toclaved 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:	ootogon/;	CPI M (upless stated athenuise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
	ure Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²	Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD	Shear Bond strength:			
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:		NPD	Reaction to fire:			
Water vapour diffusion coefficie	ent : Fixed Value:	5/10	Water absorption:		Euroclass A1	
Direct airborne sound insulatio			Water vapour diffusion coef	ficient	NPD	
	Gross density:	730 kg/m ³		Fixed Value:	5/10	
	Configuration:	As Above	Direct airborne sound insula	Gross density:	730 kg/m ³	
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ _{10.drv unit.} S2]	
Durability against freeze-thaw:		Resistant to Freeze Thaw	Durability against freeze-tha	w:		
Dangerous Substances:		See Note	Dangerous Substances:		Resistant to Freeze Thaw See Note	
Note: Information on Dangerou appropriate form. See Annex Z/		vill only be given when and where required in the 1-4:2011.	, , , , , , , , , , , , , , , , , , ,		only be given when and where required in the	

See Also Declaration of Performance DOP/HANUK/TH/6300193

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

	5 Grange Park Northam	ng Products Limited c Court, Roman Way pton, NN4 5EA		Declaration of Performance DOP/HANUK/TH/6300018 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
Hi Strength 7 Coursing Unit 12					Hi Strength	7 Coursing Unit 12
		toclaved aerated concrete masonry units	Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units			
Dimensions: 215 (mm) x 10 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:	anto con u	CDI M (uplace stated athenuise on the delivery ticket)
Compressive strength:		Mean 7.30 $\textrm{N/mm}^{\textrm{2}}$ [$_{\textrm{L}}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: N Shear Bond Strength:	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD		Dimensional stability: Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption: Water vapour diffusion co	efficient :	NPD		Reaction to fire:		Euroclass A1
	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insu	ulation:			Water vapour diffusion coef	fficient:	
	Gross density:	730 kg/m ³		Direct airborne sound insul	Fixed Value:	5/10
	Configuration:	As Above			Gross density: Configuration:	730 kg/m ³ As above
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]
Durability against freeze-thaw: NPD				Durability against freeze-tha	aw:	NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Dang appropriate form. See Ann		vill only be given when and where required in the 1-4:2011.]	U U		only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6300018

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

	5 Grange Park Northam	ng Products Limited Court, Roman Way oton, NN4 5EA		Declaration of Performance DOP/HANUK/TH/6300025 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
	Hi Strength 7 Coursing Unit 12				Hi Strength	7 Coursing Unit 12
Category II, 215 x 115 x 65 mm autoclaved aerated concrete masonry units						opean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 11 Dimensional tolerances:	5 (mm) x 65 (mm) category:	GPLM (unless stated otherwise on the delivery ticket)		Category II, 215 x 115 x 65 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
	loisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Solid Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:		
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption:		NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coe	Fixed Value:	5/10		Water absorption:		
Direct airborne sound insu	lation:			Water vapour diffusion coel	fficient	NPD
	Gross density:	730 kg/m ³			Fixed Value:	5/10
	Configuration:	As Above		Direct airborne sound insul	Gross density:	730 kg/m ³
Thermal conductivity:		$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S2]$		Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ _{10,dry unit,} S2]
Durability against freeze-thaw: NPD				Durability against freeze-tha	aw:	
Dangerous Substances:		See Note		Dangerous Substances:		NPD See Note
Note: Information on Dang appropriate form. See Anne		vill only be given when and where required in the 1-4:2011.]	U U		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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

	5 Grange Park Northam	ng Products Limited c Court, Roman Way pton, NN4 5EA		Declaration of Performance DOP/HANUK/TH/6300032 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
	Hi Strength	7 Coursing Unit 12			Hi Strength	7 Coursing Unit 12
Category II, 215 x 125 x 65 mm autoclaved aerated concrete masonry units				Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 125 (mm) x 65 (mm)				Category II, 2	15 x 125 x 65 mm, aut	oclaved 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:	anto gony:	GPLM (unless stated otherwise on the delivery ticket)
Compressive strength:		Mean 7.30 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid
	loisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:		
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption:		NPD		Reaction to fire:		
Water vapour diffusion coe	efficient : Fixed Value:	5/10				Euroclass A1
Direct airborne sound insu		5/10		Water absorption:		NPD
	Gross density:	730 kg/m ³		Water vapour diffusion coef	fficient: Fixed Value:	5/10
	Configuration:	As Above		Direct airborne sound insul		730 kg/m ³
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]			Configuration:	As above
Durability against freeze-th	aw.	NPD		Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]
		See Note		Durability against freeze-tha	aw:	NPD
Dangerous Substances:		See Note		Dangerous Substances:		See Note
Note: Information on Dang appropriate form. See Ann		vill only be given when and where required in the 1-4:2011.	j i	Note: Information on Dange appropriate form. See Anne		only be given when and where required in the :2011.

See Also Declaration of Performance DOP/HANUK/TH/6300032

The performance of the product 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:

al la lathlering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011				Declaration of Performance DOP/HANUK/TH/6300049 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
	Hi Strength 7 Coursing Unit 12				Hi Strength	7 Coursing Unit 12
Category II, 215 x 140 x 65 mm autoclaved aerated concrete masonry units						opean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 14 Dimensional tolerances:	0 (mm) x 65 (mm) category:	GPLM (unless stated otherwise on the delivery ticket)		Category II, 215 x 140 x 65 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration:		Solid		Dimensional tolerances:		
Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket)
	loisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Solid Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:		
Flexural Bond Strength:		NPD		Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD
Water Absorption:		NPD		Reaction to fire:		Euroclass A1
Water vapour diffusion coe	Fixed Value:	5/10		Water absorption:		NPD
Direct airborne sound insu	llation:			Water vapour diffusion coef	fficient:	
	Gross density:	730 kg/m ³		Direct airborne sound insul	Fixed Value:	5/10
	Configuration:	As Above		Direct airporne sound insul	Gross density:	730 kg/m ³
Thermal conductivity:		$0.16 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S2]$		Thermal conductivity:	Configuration:	As above 0.16 W/m.K [λ _{10,dry unit,} S2]
Durability against freeze-thaw: NPD				Durability against freeze-tha	aw:	
Dangerous Substances:		See Note		Dangerous Substances:		NPD See Note
Note: Information on Dang appropriate form. See Ann		vill only be given when and where required in the 1-4:2011.]	U U		only be given when and where required in the

See Also Declaration of Performance DOP/HANUK/TH/6300049

The performance of the product 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:

al la lathlering Full name: Carl Cuthbert

Position: Quality Manager

	5 Grange Park Northamp	ng Products Limited Court, Roman Way oton, NN4 5EA	Declaration of Performance DOP/HANUK/TH/6300056 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:			
	Hi Strength	7 Coursing Unit 12			7 Coursing Unit 12	
Category II, 215 x 150 x 65 mm autoclaved aerated concrete masonry units			Conforms	to the Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 215 (mm) x 1	50 (mm) x 65 (mm)	-	Category II, 2	215 x 150 x 65 mm,aut	oclaved aerated concrete masonry units	
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid	Dimensional tolerances:	category;	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category:	Solid	
Dimension Stability:	Moisture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]	
onear bonu otrengtil.	Fixed value:	0.15 N/mm ²	Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD	Shear Bond strength:			
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:		NPD	Reaction to fire:			
Water vapour diffusion co	efficient : Fixed Value:	5/10	Water absorption:		Euroclass A1	
Direct airborne sound ins			Water vapour diffusion coe	fficient	NPD	
	Gross density:	730 kg/m ³		Fixed Value:	5/10	
	Configuration:	As Above	Direct airborne sound insul	Gross density:	730 kg/m ³	
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: NPD			Durability against freeze-th	aw:	0.16 W/m.K [λ _{10,dry unit} , S2]	
Dangerous Substances:		See Note	Dangerous Substances:		NPD See Note	
Note: Information on Dang appropriate form. See Anr		vill only be given when and where required in the 1-4:2011.	0		only be given when and where required in the	

See Also Declaration of Performance DOP/HANUK/TH/6300056

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

Signed on behalf of the manufacturer:

al la lathlering

Position: Quality Manager

	5 Grange Park Northamp BS EN	ng Products Limited Court, Roman Way oton, NN4 5EA 771-4:2011		Declaration of Performance DOP/HANUK/TH/6301114 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:			
	ni Suengui i	7 Coursing Block 12				Coursing Block 12	
Category II, 4 Dimensions: 440 (mm) x 1 Dimensional tolerances:		toclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)		Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 100 x 65 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4			
Configuration:		Solid		Dimensional tolerances:		gulation (EU): 305/2011	
Compressive strength:		Mean 7.30 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD		Shear Bond strength:		0.15 N/mm ²	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0. IS N/MM NPD	
Water Absorption:	o officient .	NPD		Reaction to fire:		Euroclass A1	
Water vapour diffusion co	Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound ins	sulation:			Water vapour diffusion coe			
	Gross density:	730 kg/m ³		Direct airborne sound insul	Fixed Value: lation:	5/10	
	Configuration:	As Above			Gross density: Configuration:	730 kg/m ³ As above	
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]	
Durability against freeze-	thaw:	NPD		Durability against freeze-the	aw:	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.		Note: Information on Dange appropriate form. See Anne		only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6301114

The performance of the product 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:

alla lathering Full name: Carl Cuthbert

Position: Quality Manager

5 Grange Par Northam	ing Products Limited k Court, Roman Way pton, NN4 5EA		Declaration of Performance DOP/HANUK/TH/6301121 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:		
Hi Strength	Hi Strength 7 Coursing Block 12				Coursing Block 12
Category II, 440 x 115 x 65 mm an Dimensions: 440 (mm) x 115 (mm) x 65 (mm) Dimensional tolerances: category:	utoclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)		Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 115 x 65 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011		
Configuration: Compressive strength:	Solid Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]		Dimensional tolerances: Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture Movement: Shear Bond Strength: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm ²		Compressive strength: Dimensional stability:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Flexural Bond Strength: Reaction to fire:	NPD Euroclass A1		Shear Bond strength: Flexural Bond Strength:	Moisture Movement: Fixed value:	Nominal 0.50 mm/m 0.15 N/mm ² NPD
Water Absorption: Water vapour diffusion coefficient : Fixed Value:	NPD 5/10		Reaction to fire: Water absorption:		Euroclass A1
Direct airborne sound insulation: Gross density: Configuration:	·		Water vapour diffusion coeff Direct airborne sound insula	Fixed Value:	5/10 730 ka/m ³
Thermal conductivity: Durability against freeze-thaw:	0.16 W/m.K [λ _{10,dry unit} , S2] NPD		Thermal conductivity: Durability against freeze-tha	Configuration:	As above 0.16 W/m.K [λ _{10,dry unit,} S2]
Dangerous Substances: Note: Information on Dangerous substances appropriate form. See Annex ZA3 of BS EN 7		Dangerous Substances:	ous substances will	NPD See Note only be given when and where required in the :2011.	

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:

alla lathering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011 Hi Strength 7 Coursing Block				Declaration of Performance DOP/HANUK/TH/6301138 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:			
	niouengui	12			Hi Strength 7	Coursing Block 12	
Category II, Dimensions: 440 (mm) x 1 Dimensional tolerances:		toclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)		Conforms to the Harmonised European Standard: BS EN 771-4:2011 Category II, 440 x 140 x 65 mm, autoclaved aerated concrete masonry units Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid		Dimensional tolerances:			
Compressive strength:		Mean 7.30 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD		Shear Bond strength:		0.15 N/mm ²	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ⁻ NPD	
Water Absorption:	o officient .	NPD		Reaction to fire:		Euroclass A1	
Water vapour diffusion co	Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound ins	sulation:			Water vapour diffusion coe			
	Gross density:	730 kg/m ³		Direct airborne sound insul	Fixed Value: ation:	5/10	
	Configuration:	As Above			Gross density: Configuration:	730 kg/m ³ As above	
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]		Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit} , S2]	
Durability against freeze-	thaw:	NPD		Durability against freeze-the	aw:	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.		Note: Information on Dange appropriate form. See Anne		only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6301138

The performance of the product 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:

alla lathering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA BS EN 771-4:2011				Declaration of Performance DOP/HANUK/TH/6301626 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that: Hi Strength 7 Coursing Block			
	ni strength	7 Coursing Block 12				Coursing Block 12	
Category II, 4 Dimensions: 440 (mm) x 1 Dimensional tolerances:		toclaved aerated concrete masonry units GPLM (unless stated otherwise on the delivery ticket)		Category II, 4	40 x 150 x 65 mm, aut product conforms: Sta	opean Standard: BS EN 771-4:2011 toclaved aerated concrete masonry units ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011	
Configuration:		Solid		Dimensional tolerances:		GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 7.30 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	Solid	
	Moisture Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 7.30 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD		Shear Bond strength:			
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:		NPD		Reaction to fire:		Euroclass A1	
Water vapour diffusion co	oefficient : Fixed Value:	5/10		Water absorption:		NPD	
Direct airborne sound ins	sulation:			Water vapour diffusion coe	fficient:		
	Gross density:	730 kg/m ³		Direct airborne sound insul	Fixed Value: lation:	5/10	
	Configuration:	As Above			Gross density: Configuration:	730 kg/m ³ As above	
Thermal conductivity:		0.16 W/m.K [λ _{10,dry unit,} S2]		Thermal conductivity:	Comparation.	0.16 W/m.K [λ _{10,dry unit,} 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 will only be given when and where required in the				Note: Information on Dange appropriate form. See Anne		only be given when and where required in the 22011.	

See Also Declaration of Performance DOP/HANUK/TH/6301626

The performance of the product 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:

alla lathering

Full name: Carl Cuthbert

Position: Quality Manager

CE				DOP/HANU	DF Performance JK/TH/6300087 presenting the following:	
Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EI	N 771-4:2011		Confi	irms that:	
	Cou	rrsing Unit 12		Cours	sing Unit 12	
Category II. 215 x 100 x 65	mm a	utoclaved aerated concrete masonry units	Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 215 (mm) x 100 (mm) x 65		····· , · · · · · · · · · · · · · · · ·	Category II, 215 x 1	100 x 65 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances:	egory:	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:	ootogonu	CDIM (upless stated atherwise on the delivery ticket)	
Compressive strength:		Mean 2.9 N/mm ² [\perp bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
Dimension Stability: Moisture Move	ment:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength: Fixed	/alue:	0.15 N/mm ²	Dimensional stability:			
Flexural Bond Strength:		NPD	Moise Shear Bond strength:	ture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD	Reaction to fire:		NPD	
Water vapour diffusion coefficient :	(5/40			Euroclass A1	
Fixed Direct airborne sound insulation:	aiue:	5/10	Water absorption:		NPD	
Gross d	ensitv:	600 kg/m ³	Water vapour diffusion coefficier	nt: Fixed Value:	5/10	
	,	As Above	Direct airborne sound insulation	: Gross density:	600 kg/m ³	
Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit,} S2]	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw:		NPD	-		$0.13 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S2\right]$	
Dangerous Substances:		See Note	Durability against freeze-thaw:		NPD	
		10	Dangerous Substances: Note: Information on Dangerous	substances will	See Note only be given when and where required in the	
Note: Information on Dangerous subst appropriate form. See Annex ZA3 of B		will only be given when and where required in the 71-4:2011.	appropriate form. See Annex ZAS	3 of BS EN 771-4	4:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300087

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

CE			Dec		of Performance JK/TH/6300100
			The	e undersigned, re	presenting the following:
	5 Grange Park	ng Products Limited : Court, Roman Way oton, NN4 5EA	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		
	BS EN	771-4:2011		Conf	irms that:
	Cou	rsing Unit 12		Cour	sing Unit 12
Category II 215 x 11	15 x 65 mm au	toclaved aerated concrete masonry units	Conforms to the	Harmonised Eur	opean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 115 (mm)			Category II, 215 x 1	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 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 $\textrm{N/mm}^{\textrm{2}}$ [$_{\textrm{L}}$ bed face, whole unit]. [Cat II]	Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid
Dimension Stability: Moisture	e Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength:	Fixed value:	0.15 N/mm ²	Dimensional stability:		
Flexural Bond Strength:		NPD		ture Movement:	Nominal 0.50 mm/m
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
Water Absorption:		NPD	-		NPD
Water vapour diffusion coefficien	nt :		Reaction to fire:		Euroclass A1
	Fixed Value:	5/10	Water absorption:		NPD
Direct airborne sound insulation:		200 L / 3	Water vapour diffusion coefficier		5/40
	ross density:	600 kg/m ³	Direct airborne sound insulation:		5/10
	onfiguration:	As Above		Gross density: Configuration:	600 kg/m³ As above
Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	<u>.</u>	0.13 W/m.K [λ _{10,dry unit} , S2]
Durability against freeze-thaw:		NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:		See Note	Dangerous Substances:		See Note
Note: Information on Dangerous appropriate form. See Annex ZA3		vill only be given when and where required in the 1-4:2011.			only be given when and where required in the b:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300100

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

ticket)

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA	Declaration of Performance DOP/HANUK/TH/6300117 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		
BS EN 771-4:2011		Conf	irms that:
Coursing Unit 12		Cour	sing Unit 12
Category II, 215 x 125 x 65 mm autoclaved aerated concrete masonry units	Conforms	to the Harmonised Eur	ropean Standard: BS EN 771-4:2011
Dimensions: 215 (mm) x 125 (mm) x 65 (mm)	Category II, 2	215 x 125 x 65 mm, au	toclaved aerated concrete masonry units
Dimensional tolerances: GPLM (unless stated otherwise on the delivery category: ticket)	Provision to which the p		ndard: Annex ZA of BS EN 771-4:2011, System 4 gulation (EU): 305/2011
Configuration: Solid	Dimensional tolerances:	ootogony	CDI M (unless stated athenuise on the delivery tick)
Compressive strength: Mean 2.9 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 0.50 mm/m	Compressive strength:		Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Shear Bond Strength: Fixed value: 0.15 N/mm ²	Dimensional stability:		
Flexural Bond Strength: NPD	Shear Bond strength:	Moisture Movement:	Nominal 0.50 mm/m
Reaction to fire: Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ²
Water Absorption: NPD	Reaction to fire:		NPD
Water vapour diffusion coefficient : Fixed Value: 5/10			Euroclass A1
Direct airborne sound insulation:	Water absorption:		NPD
Gross density: 600 kg/m ³	Water vapour diffusion coe	fficient: Fixed Value:	5/10
Configuration: As Above	Direct airborne sound insul	lation: Gross density:	600 kg/m ³
Thermal conductivity: 0.13 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	Configuration:	As above
Durability against freeze-thaw: NPD			0.13 W/m.K [λ _{10,dry unit,} S2]
Dangerous Substances: See Note	Durability against freeze-the	aw:	NPD
	Dangerous Substances: Note: Information on Dange	erous substances will	See Note only be given when and where required in the
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.	appropriate form. See Anne	ex ZA3 of BS EN 771-4	4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300117

The performance of the product 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:

ale la lathering Full name: Carl Cuthbert

Position: Quality Manager

CE					DOP/HANU	DF Performance JK/TH/6300131 presenting the following:	
	5 Grange Park	ng Products Limited : Court, Roman Way oton, NN4 5EA		Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EN	771-4:2011			Confi	irms that:	
	Cou	rsing Unit 12			Cour	sing Unit 12	
Category II. 215 x 14	40 x 65 mm au	toclaved aerated concrete masonry units		Conforms to the	e Harmonised Eur	ropean Standard: BS EN 771-4:2011	
Dimensions: 215 (mm) x 140 (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 product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid		Dimensional tolerances:	ootooon "	CDIM (upless stated atherwise on the delivery ticket)	
Compressive strength:		Mean 2.9 N/mm^2 [$_{\perp}$ bed face, whole unit]. [Cat II]		Configuration:	category:	GPLM (unless stated otherwise on the delivery ticket) Solid	
	e Movement:	Nominal 0.50 mm/m		Compressive strength:		Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²		Dimensional stability:			
Flexural Bond Strength:		NPD		Mois Shear Bond strength:	sture Movement:	Nominal 0.50 mm/m	
Reaction to fire:		Euroclass A1		Flexural Bond Strength:	Fixed value:	0.15 N/mm ²	
Water Absorption:		NPD		Reaction to fire:		NPD	
Water vapour diffusion coefficien		5/40				Euroclass A1	
Direct airborne sound insulation	Fixed Value:	5/10		Water absorption:		NPD	
	Fross density:	600 kg/m ³		Water vapour diffusion coefficie	nt: Fixed Value:	5/10	
	Configuration:	Ū į		Direct airborne sound insulation		600 ka/m ³	
Thermal conductivity:	<u>j</u>	0.13 W/m.K [λ _{10,dry unit} , S2]		The sum of a surplus of the term	Configuration:	As above	
Durability against freeze-thaw:		NPD		Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit,} S2]	
Dangerous Substances:		See Note		Durability against freeze-thaw:		NPD	
				Dangerous Substances:		See Note	
Note: Information on Dangerous appropriate form. See Annex ZA		vill only be given when and where required in the 1-4:2011.	J I	Note: Information on Dangerous appropriate form. See Annex ZA	substances will 3 of BS EN 771-4	only be given when and where required in the 4:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300131

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

CE				DOP/HANU	of Performance JK/TH/6300148 presenting the following:	
	5 Grange Park	ng Products Limited : Court, Roman Way oton, NN4 5EA	Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EN	771-4:2011		Confi	irms that:	
	Cou	rsing Unit 12		Cour	sing Unit 12	
Category II, 215 x	x 150 x 65 mm au	toclaved aerated concrete masonry units	Conforms to the	e Harmonised Eur	opean Standard: BS EN 771-4:2011	
Dimensions: 215 (mm) x 150 (r			Category II, 215 x	150 x 65 mm, au	toclaved aerated concrete masonry units	
Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4 Regulation (EU): 305/2011			
Configuration:		Solid	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Compressive strength:		Mean 2.9 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat II]	Configuration:	category.	Solid	
	ture Movement:	Nominal 0.50 mm/m	Compressive strength:		Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Shear Bond Strength:	Fixed value:	0.15 N/mm ²	Dimensional stability:	atura Mayamanti	Nominal 0.50 mm/m	
Flexural Bond Strength:		NPD	Shear Bond strength:	sture Movement:	_	
Reaction to fire:		Euroclass A1	Flexural Bond Strength:	Fixed value:	0.15 N/mm ² NPD	
Water Absorption:		NPD	Reaction to fire:			
Water vapour diffusion coeffic	cient : Fixed Value:	5/10	Water absorption:		Euroclass A1	
Direct airborne sound insulati		0,10			NPD	
	Gross density:	600 kg/m ³	Water vapour diffusion coefficie	Fixed Value:	5/10	
	Configuration:	As Above	Direct airborne sound insulation	Gross density:	600 kg/m ³	
Thermal conductivity:		0.13 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:	Configuration:	As above	
Durability against freeze-thaw	:	NPD	Durability against freeze-thaw:		0.13 W/m.K [λ _{10,dry unit} , S2]	
Dangerous Substances:		See Note	Dangerous Substances:		NPD See Note	
Note: Information on Dangero appropriate form. See Annex 2		vill only be given when and where required in the 1-4:2011.		s substances will \3 of BS EN 771-4	See Note only be given when and where required in the I:2011.	

See Also Declaration of Performance DOP/HANUK/TH/6300148

The performance of the product 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:

ale la lathering

Full name: Carl Cuthbert

Position: Quality Manager

Forterra Bu 5 Grange P Northa		Declaration of Performance DOP/HANUK/TH/6300445 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS	EN 771-4:2011	1		Conf	irms that:
н	i Strength 10 12			Hi Sti	rength 10 12
133	33-CPD-00149		Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category I, 440 x 100 x 215 mm	autoclaved aerated concrete masonry units		Category I, 440 x 10	0 x 215 mm, au	utoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 100 (mm) x 215 (mr Dimensional tolerances:			Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011		
categor	GPLM (unless stated otherwise on the delivery y: ticket)		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid		Configuration:	category.	Solid
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [⊥ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm ² [⊥ bed face, whole unit]. [Cat I]
Moisture Movemen Shear Bond Strength:	t: Nominal 0.50 mm/m		Dimensional stability: Moistu	ure Movement:	Nominal 0.50 mm/m
Fixed value	e: 0.15 N/mm ²		Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:	NPD		Flexural Bond Strength:	Thea value.	NPD
Reaction to fire:	Euroclass A1		Reaction to fire:		Euroclass A1
Water Absorption:	NPD		Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Value Direct airborne sound insulation:	e: 5/10		Water vapour diffusion coefficient	t: Fixed Value:	5/10
Gross densit	y: 770 kg/m ³			Gross density:	770 kg/m ³
Configuration	n: As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ _{10,dry unit} ,S2]
Thermal conductivity:	0.17 W/m.K [λ _{10,dry unit,} S2]		Durability against freeze-thaw:		NPD
Durability against freeze-thaw:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		, e		l only be given when and where required in the
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN	es will only be given when and where required in the 771-4:2011.]	The performance of the product ide	entified above is	s in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/TH/6300445

Date: 05 October 2015

Full name: Carl Cuthbert

Signed on behalf of the manufacturer: Position: Quality Manager

As la lathlering

Forterra B 5 Grange F North	Declaration of Performance DOP/HANUK/TH/6300469 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS	EN 771-4:2011		Conf	irms that:
ŀ	li Strength 10 12		Hi Sti	rength 10 12
13	333-CPD-00149	Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category I, 440 x 140 x 215 mr	n autoclaved aerated concrete masonry units	Category I, 440 x 14	0 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 140 (mm) x 215 (m		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011		
Dimensional tolerances: catego	GPLM (unless stated otherwise on the delivery ry: ticket)	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid	Configuration:	category.	Solid
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]
Moisture Moveme Shear Bond Strength:	nt: Nominal 0.50 mm/m	Dimensional stability: Moist	ure Movement:	Nominal 0.50 mm/m
Fixed value	e: 0.15 N/mm ²	Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:	NPD	Flexural Bond Strength:	Tixed value.	NPD
Reaction to fire:	Euroclass A1	Reaction to fire:		Euroclass A1
Water Absorption:	NPD	Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Valu Direct airborne sound insulation:	le: 5/10	Water vapour diffusion coefficient	t: Fixed Value:	5/10
Gross densi	ty: 770 kg/m ³		Gross density:	770 kg/m ³
Configuratio	n: As Above	Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ _{10.drv unit.} S2]
Thermal conductivity:	$0.17 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}},S2\right]$	Durability against freeze-thaw:		NPD
Durability against freeze-thaw:	NPD	Dangerous Substances:		See Note
Dangerous Substances:	See Note	ě		only be given when and where required in the
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.	The performance of the product ide	entified above is	in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/TH/6300469

Date: 05 October 2015

Full name: Carl Cuthbert

As la lathlering

Forterra Bu 5 Grange F North		Declaration of Performance DOP/HANUK/TH/6300476 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS	EN 771-4:2011			Conf	irms that:
н	i Strength 10 12			Hi Sti	rength 10 12
133	333-CPD-00149		Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category I, 440 x 150 x 215 mn	autoclaved aerated concrete masonry units		Category I, 440 x 15	0 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: categor	GPLM (unless stated otherwise on the delivery y: ticket)		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid		Configuration:	category.	Solid
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]
Moisture Movemer Shear Bond Strength:	t: Nominal 0.50 mm/m		Dimensional stability: Moist	ure Movement:	Nominal 0.50 mm/m
Fixed valu	e: 0.15 N/mm ²		Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:	NPD		Flexural Bond Strength:	Tixed value.	NPD
Reaction to fire:	Euroclass A1		Reaction to fire:		Euroclass A1
Water Absorption:	NPD		Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Valu Direct airborne sound insulation:	e: 5/10		Water vapour diffusion coefficient	t: Fixed Value:	5/10
Gross densit	y: 770 kg/m ³			Gross density:	770 kg/m ³
Configuratio	n: As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ _{10.dry unit} 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		ě		only be given when and where required in the
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN	es will only be given when and where required in the 771-4:2011.]	The performance of the product ide	entified above is	in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/TH/6300476

Date: 05 October 2015

Full name: Carl Cuthbert

As la lathlering

Forterra Bu 5 Grange F North		Declaration of Performance DOP/HANUK/TH/6300483 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS	EN 771-4:2011			Conf	irms that:
н	li Strength 10 12			Hi Sti	rength 10 12
133	333-CPD-00149		Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category I, 440 x 190 x 215 mn	n autoclaved aerated concrete masonry units		Category I, 440 x 19	0 x 215 mm, au	utoclaved aerated concrete masonry units
Dimensions: 440 (mm) x 190 (mm) x 215 (mi Dimensional tolerances:			Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011		
categor	GPLM (unless stated otherwise on the delivery y: ticket)		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid		Configuration:	category.	Solid
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm ² [⊥ bed face, whole unit]. [Cat I]
Moisture Movemen Shear Bond Strength:	nt: Nominal 0.50 mm/m		Dimensional stability: Moistu	ure Movement:	Nominal 0.50 mm/m
Fixed value	e: 0.15 N/mm ²		Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:	NPD		Flexural Bond Strength:	Tixed value.	NPD
Reaction to fire:	Euroclass A1		Reaction to fire:		Euroclass A1
Water Absorption:	NPD		Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Valu Direct airborne sound insulation:	e: 5/10		Water vapour diffusion coefficient	t: Fixed Value:	5/10
Gross densit	ty: 770 kg/m ³			Gross density:	770 kg/m ³
Configuratio	n: As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ _{10,dry unit} ,S2]
Thermal conductivity:	0.17 W/m.K [λ _{10,dry unit} , S2]		Durability against freeze-thaw:		NPD
Durability against freeze-thaw:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		, e		l only be given when and where required in the
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN	es will only be given when and where required in the 771-4:2011.] '	The performance of the product ide	entified above is	s in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/TH/6300483

Date: 05 October 2015

Full name: Carl Cuthbert

As la lathlering

Forterra Bu 5 Grange F North		Declaration of Performance DOP/HANUK/TH/6300490 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
BS	EN 771-4:2011			Conf	irms that:
н	i Strength 10 12			Hi Sti	rength 10 12
133	33-CPD-00149		Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category I, 440 x 200 x 215 mn	autoclaved aerated concrete masonry units		Category I, 440 x 20	0 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 200 (mm) x 215 (mi Dimensional tolerances:			Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011		
categor	GPLM (unless stated otherwise on the delivery y: ticket)		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid		Configuration:	category.	Solid
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]
Moisture Movemer Shear Bond Strength:	t: Nominal 0.50 mm/m		Dimensional stability: Moistu	ure Movement:	Nominal 0.50 mm/m
Fixed valu	e: 0.15 N/mm ²		Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:	NPD		Flexural Bond Strength:	Tixed value.	NPD
Reaction to fire:	Euroclass A1		Reaction to fire:		Euroclass A1
Water Absorption:	NPD		Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Valu Direct airborne sound insulation:	e: 5/10		Water vapour diffusion coefficient	t: Fixed Value:	5/10
Gross densit	y: 770 kg/m ³			Gross density:	770 kg/m ³
Configuratio	n: As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ _{10.drv unit.} S2]
Thermal conductivity:	0.17 W/m.K [λ _{10,dry unit,} S2]		Durability against freeze-thaw:		NPD
Durability against freeze-thaw:	NPD		Dangerous Substances:		See Note
Dangerous Substances:	See Note		ě		only be given when and where required in the
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN	es will only be given when and where required in the 771-4:2011.] '	The performance of the product ide	entified above is	in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/TH/6300490

Date: 05 October 2015

Full name: Carl Cuthbert

As la lathlering

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		The	Declaration of Performance DOP/HANUK/TH/6300506 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA Confirms that:	
	3S EN 771-4:2011		Conf	irms that:
	Hi Strength 10 12		Hi St	rength 10 12
	13333-CPD-00149	Conforms to the	Harmonised Eur	ropean Standard: BS EN 771-4:2011
Category I, 440 x 215 x 215	mm autoclaved aerated concrete masonry units	Category I, 440 x 21	5 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 215 (mm) x 215 Dimensional tolerances:		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011		
	GPLM (unless stated otherwise on the delivery gory: ticket)	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid	Configuration:	category.	Solid
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [⊥ bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]
Moisture Mover Shear Bond Strength:	nent: Nominal 0.50 mm/m	Dimensional stability: Moistu	ure Movement:	Nominal 0.50 mm/m
Fixed v	alue: 0.15 N/mm ²	Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:	NPD	Flexural Bond Strength:	Tixed value.	NPD
Reaction to fire:	Euroclass A1	Reaction to fire:		Euroclass A1
Water Absorption:	NPD	Water absorption:		NPD
Water vapour diffusion coefficient : Fixed V Direct airborne sound insulation:	alue: 5/10	Water vapour diffusion coefficient	t: Fixed Value:	5/10
	nsity: 770 kg/m ³	Direct airborne sound insulation:	Gross density:	770 kg/m ³
Configura	, ,		Configuration:	As above
Thermal conductivity:	0.17 W/m.K [λ _{10.dry unit} S2]	Thermal conductivity:		0.17 W/m.K [λ _{10,dry unit,} S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note	Dangerous Substances: Note: Information on Dangerous s appropriate form. See Annex ZA3		See Note only be given when and where required in the 1:2011.
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.	The performance of the product ide	entified above is	in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/TH/6300506

Date: 05 October 2015

Full name: Carl Cuthbert

Signed on behalf of the manufacturer: Position: Quality Manager

ale la lathering

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			Declaration of Performance DOP/HANUK/TH/6300513 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			
	BS EI	N 771-4:2011	1	Confirms that:		
	Hi S	trength 10 12		Hi Strength 10 12		
	13333	3-CPD-00149		Conforms to the Harmonised European Standard: BS EN 771-4:2011		
Category I, 440 x 275 x 2	5 mm a	utoclaved aerated concrete masonry units		Category I, 440 x 27	75 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 275 (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:	tegory:	GPLM (unless stated otherwise on the delivery ticket)		Dimensional tolerances:		GPLM (unless stated otherwise on the delivery ticket)
Configuration:		Solid		Configuration:	category:	Solid
Compressive strength:		Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm ² [⊥ bed face, whole unit]. [Cat I]
Dimension Stability: Moisture Mo	ement:	Nominal 0.50 mm/m		Dimensional stability:	ure Movement:	Nominal 0.50 mm/m
Shear Bond Strength: Fixe	l value:	0.15 N/mm ²		Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:		NPD		Flexural Bond Strength:	Tixed value.	NPD
Reaction to fire:		Euroclass A1		Reaction to fire:		Euroclass A1
Water Absorption:		NPD		Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Direct airborne sound insulation:	Value:	5/10		Water vapour diffusion coefficien	Fixed Value:	5/10
Gross	density:	770 kg/m ³		Direct airborne sound insulation:	Gross density:	770 kg/m ³
Config	uration:	As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ _{10,dry unit} , S2]
Thermal conductivity:		0.17 W/m.K [λ _{10,dry unit} , S2]		Durability against freeze-thaw:		NPD
Durability against freeze-thaw:		NPD		Dangerous Substances:		See Note
Dangerous Substances:		See Note		Note: Information on Dangerous appropriate form. See Annex ZA3		only be given when and where required in the I:2011.
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.				The performance of the product ide	entified above is	in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/TH/6300513

Date: 05 October 2015

Full name: Carl Cuthbert

Signed on behalf of the manufacturer: Position: Quality Manager

As la lathlering

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		Declaration of Performance DOP/HANUK/TH/6300520 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		JK/TH/6300520 presenting the following: ng Products Limited Court, Roman Way
в	S EN 771-4:2011	Confirms that:		
Hi Strength 10 12		Hi Strength 10 12		
13	3333-CPD-00149	Conforms to the	Harmonised Eur	ropean Standard: BS EN 771-4:2011
Category I, 440 x 300 x 215 m	m autoclaved aerated concrete masonry units	Category I, 440 x 30	0 x 215 mm, au	toclaved aerated concrete masonry units
Dimensions: 440 (mm) x 300 (mm) x 215 (mm)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011		
Dimensional tolerances: catego	GPLM (unless stated otherwise on the delivery ory: ticket)	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid	Configuration:	category.	Solid
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]
Moisture Moveme Shear Bond Strength:	ent: Nominal 0.50 mm/m	Dimensional stability: Moistu	ure Movement:	Nominal 0.50 mm/m
Fixed val	ue: 0.15 N/mm ²	Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:	NPD	Flexural Bond Strength:	Tixed value.	NPD
Reaction to fire:	Euroclass A1	Reaction to fire:		Euroclass A1
Water Absorption: Water vapour diffusion coefficient :	NPD	Water absorption:		NPD
Fixed Val	ue: 5/10	Water vapour diffusion coefficient	t: Fixed Value:	5/10
	sity: 770 kg/m ³	Direct airborne sound insulation:	Gross density:	770 kg/m ³
Configurati	, ,		Configuration:	As above
Thermal conductivity:	0.17 W/m.K [λ _{10,dry unit} , S2]	Thermal conductivity:		0.17 W/m.K [λ _{10,dry unit,} S2]
Durability against freeze-thaw:	NPD	Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note	Dangerous Substances: Note: Information on Dangerous s appropriate form. See Annex ZA3		See Note only be given when and where required in the 4:2011.
Note: Information on Dangerous substand appropriate form. See Annex ZA3 of BS E	ces will only be given when and where required in the N 771-4:2011.	The performance of the product ide	entified above is	s in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/TH/6300520

Date: 05 October 2015

Full name: Carl Cuthbert

ale la lathering

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		Declaration of Performance DOP/HANUK/TH/6300445 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		JK/TH/6300445 presenting the following: ng Products Limited Court, Roman Way
B	S EN 771-4:2011	Confirms that:		
Hi Strength 10 12		Hi Strength 10 12		
13	3333-CPD-00149	Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category I, 440 x 355 x 215 m	m autoclaved aerated concrete masonry units	Category I, 440 x 35	5 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: catego	GPLM (unless stated otherwise on the delivery ory: ticket)	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid	Configuration:	category.	Solid
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]
Moisture Moveme Shear Bond Strength:	ent: Nominal 0.50 mm/m	Dimensional stability: Moistu	ure Movement:	Nominal 0.50 mm/m
Fixed val	ue: 0.15 N/mm ²	Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:	NPD	Flexural Bond Strength:	Tixed value.	NPD
Reaction to fire:	Euroclass A1	Reaction to fire:		Euroclass A1
Water Absorption: Water vapour diffusion coefficient :	NPD	Water absorption:		NPD
Fixed Val	ue: 5/10	Water vapour diffusion coefficient	t: Fixed Value:	5/10
	sity: 770 kg/m ³	Direct airborne sound insulation:	Gross density:	770 kg/m ³
Configurati	, ,		Configuration:	As above
Thermal conductivity:	0.17 W/m.K [λ _{10.dry unit} , S2]	Durability against freeze-thaw:		0.17 W/m.K [λ _{10,dry unit,} S2]
Durability against freeze-thaw:	NPD			NPD
Dangerous Substances:	See Note	Dangerous Substances: Note: Information on Dangerous s appropriate form. See Annex ZA3		See Note only be given when and where required in the 4:2011.
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS E	ces will only be given when and where required in the N 771-4:2011.	The performance of the product ide	entified above is	s in conformity with the declared values, when installed in general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/TH/6300445

Date: 05 October 2015

Full name: Carl Cuthbert

ale la lathering

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			Declaration of Performance DOP/HANUK/TH/6301466 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		JK/TH/6301466 presenting the following: ng Products Limited Court, Roman Way
В	S EN 771-4:2011		Confirms that:		
Hi Strength 10 12			Hi Strength 10 12		
1.	3333-CPD-00149		Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category I, 440 x 275 x 140 m	nm autoclaved aerated concrete masonry units		Category I, 440 x 27	5 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: categ	GPLM (unless stated otherwise on the delivery ory: ticket)		Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid		Configuration:	category.	Solid
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [\perp bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]
Moisture Movem Shear Bond Strength:	ent: Nominal 0.50 mm/m		Dimensional stability: Moistu	ure Movement:	Nominal 0.50 mm/m
Fixed va	lue: 0.15 N/mm ²		Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:	NPD		Flexural Bond Strength:	Tixed value.	NPD
Reaction to fire:	Euroclass A1		Reaction to fire:		Euroclass A1
Water Absorption: Water vapour diffusion coefficient :	NPD		Water absorption:		NPD
Fixed Va Direct airborne sound insulation:	lue: 5/10		Water vapour diffusion coefficient	t: Fixed Value:	5/10
	sity: 770 kg/m ³		Direct airborne sound insulation:	Gross density:	770 kg/m ³
Configurat				Configuration:	As above
Thermal conductivity:	0.17 W/m.K [λ _{10,dry unit} , S2]		Durability against freeze-thaw:		0.17 W/m.K [λ _{10,dry unit} , S2]
Durability against freeze-thaw:	NPD		Dangerous Substances:		NPD 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.				in conformity with the declared values, when installed in	

See Also Declaration of Performance DOP/HANUK/TH/6301466

Date: 05 October 2015

Full name: Carl Cuthbert

ale la lathering

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		Declaration of Performance DOP/HANUK/TH/6301565 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		JK/TH/6301565 presenting the following: ng Products Limited Court, Roman Way	
BS	EN 771-4:2011	Confirms that:			
н	li Strength 10 12	Hi Strength 10 12			
133	333-CPD-00149	Conforms to the Harmonised European Standard: BS EN 771-4:2011			
Category I, 215 x 100 x 65 mm	autoclaved aerated concrete masonry units	Category I, 215 x 10	00 x 65 mm, aut	oclaved aerated concrete masonry units	
Dimensions: 215 (mm) x 100 (mm) x 65 (mm)		Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System Regulation (EU): 305/2011			
Dimensional tolerances: categor	GPLM (unless stated otherwise on the delivery y: ticket)	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Configuration:	Solid	Configuration:	category.	Solid	
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]	Compressive strength:		Mean 9.0 N/mm ² [\perp bed face, whole unit]. [Cat I]	
Moisture Movement Shear Bond Strength:	nt: Nominal 0.50 mm/m	Dimensional stability: Moistu	ure Movement:	Nominal 0.50 mm/m	
Fixed valu	e: 0.15 N/mm ²	Shear Bond strength:	Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	Flexural Bond Strength:	Tixed value.	NPD	
Reaction to fire:	Euroclass A1	Reaction to fire:		Euroclass A1	
Water Absorption: Water vapour diffusion coefficient :	NPD	Water absorption:		NPD	
Fixed Valu Direct airborne sound insulation:	e: 5/10	Water vapour diffusion coefficient	t: Fixed Value:	5/10	
Gross densi	ty: 770 kg/m ³		Gross density:	770 kg/m ³	
Configuratio	n: As Above	Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ _{10,dry unit} , S2]	
Thermal conductivity:	0.17 W/m.K [λ _{10,dry unit} , S2]	Durability against freeze-thaw:		NPD	
Durability against freeze-thaw:	NPD	Dangerous Substances:		See Note	
Dangerous Substances: See Note		e e e e e e e e e e e e e e e e e e e		only be given when and where required in the	
Note: Information on Dangerous substance appropriate form. See Annex ZA3 of BS EN	The performance of the product ide	entified above is	in conformity with the declared values, when installed in general purpose or lightweight mortars.		

See Also Declaration of Performance DOP/HANUK/TH/6301565

Signed on behalf of the manufacturer:

As la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			Declaration of Performance DOP/HANUK/TH/6301602 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		JK/TH/6301602 presenting the following: ng Products Limited Court, Roman Way	
BS	EN 771-4:2011		Confirms that:			
Hi Strength 10 12			Hi Strength 10 12			
133	33-CPD-00149		Conforms to the Harmonised European Standard: BS EN 771-4:2011			
Category I, 215 x 140 x 65 mm	autoclaved aerated concrete masonry units		Category I, 215 x 14	40 x 65 mm, au	oclaved aerated concrete masonry units	
Dimensions: 215 (mm) x 140 (mm) x 65 (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, Sys Regulation (EU): 305/2011			
category			Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Configuration:	Solid		Configuration:	0,	Solid	
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [⊥ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm ² [\perp bed face, whole unit]. [Cat I]	
Moisture Movemen Shear Bond Strength:	t: Nominal 0.50 mm/m		Dimensional stability: Moistu	ure Movement:	Nominal 0.50 mm/m	
Fixed value	e: 0.15 N/mm ²		Shear Bond strength:	Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD		Flexural Bond Strength:	Tixed value.	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:	e: 5/10		Water vapour diffusion coefficient	t: Fixed Value:	5/10	
Gross densit	y: 770 kg/m ³			Gross density:	770 kg/m ³	
Configuration	n: As Above		Thermal conductivity:	Configuration:	As above 0.17 W/m.K [λ _{10,dry unit} , S2]	
Thermal conductivity:	0.17 W/m.K [λ _{10,dry 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 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 instances with the manufacturer's instructions and general purpose or lightweight mortars.				in conformity with the declared values, when installed in		

See Also Declaration of Performance DOP/HANUK/TH/6301602

Signed on behalf of the manufacturer:

As la lathlering Full name: Carl Cuthbert

Position: Quality Manager

Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA			Declaration of Performance DOP/HANUK/TH/6301619 The undersigned, representing the following: Forterra Building Products Limited 5 Grange Park Court, Roman Way Northampton, NN4 5EA		JK/TH/6301619 presenting the following: ng Products Limited Court, Roman Way
	3S EN 771-4:2011		Confirms that:		
	Hi Strength 10 12		Hi Strength 10 12		
	3333-CPD-00149		Conforms to the	Harmonised Eu	ropean Standard: BS EN 771-4:2011
Category I, 215 x 150 x 65 n	nm autoclaved aerated concrete masonry units		Category I, 215 x 15	50 x 65 mm, au	toclaved aerated concrete masonry units
Dimensions: 215 (mm) x 150 (mm) x 65 (mm)			Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+ Regulation (EU): 305/2011		
Dimensional tolerances:	S: GPLM (unless stated otherwise on the delivery category: ticket) Dimensional tolerances:	Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)	
Configuration:	Solid		Configuration:	category.	Solid
Compressive strength: Dimension Stability:	Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]		Compressive strength:		Mean 9.0 N/mm ² [$_{\perp}$ bed face, whole unit]. [Cat I]
Moisture Moven Shear Bond Strength:	nent: Nominal 0.50 mm/m		Dimensional stability: Moistu	ure Movement:	Nominal 0.50 mm/m
Fixed va	alue: 0.15 N/mm ²		Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:	NPD		Flexural Bond Strength:	Tixed value.	NPD
Reaction to fire:	Euroclass A1		Reaction to fire:		Euroclass A1
Water Absorption:	NPD		Water absorption:		NPD
Water vapour diffusion coefficient : Fixed Va	alue: 5/10		Water vapour diffusion coefficient	t: Fixed Value:	5/10
Direct airborne sound insulation:			Direct airborne sound insulation:	Gross density:	770 ka/m ³
	isity: 770 kg/m ³			Configuration:	As above
Configura Thermal conductivity:	tion: As Above 0.17 W/m.K [λ _{10,dry unit} S2]		Thermal conductivity:		0.17 W/m.K [λ _{10,dry unit,} S2]
Durability against freeze-thaw:	0.17 W/III.K [A _{10,dry unit} , S2]		Durability against freeze-thaw:		NPD
Dangerous Substances:	See Note				See Note only be given when and where required in the
Note: Information on Dangerous substar appropriate form. See Annex ZA3 of BS	nces will only be given when and where required in the EN 771-4:2011.			entified above is	4:2011. s in conformity with the declared values, when installed in d general purpose or lightweight mortars.

See Also Declaration of Performance DOP/HANUK/TH/6301619

Date: 05 October 2015

Full name: Carl Cuthbert

ale la lathering