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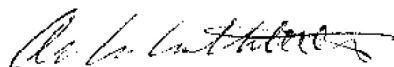
1. First, press your  +  buttons to bring up the search box.

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

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

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

Yours sincerely,



Carl Cuthbert  
Head of Quality  
Forterra Building Products Limited

# Declaration of Performance

DOP/HANUK/TH/6300919



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Turbo autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300933



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 115 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 470 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

#### Turbo autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 115 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300957



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 125 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

#### Turbo autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 125 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300971



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 130 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry,unit}, S2$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

#### Turbo autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 130 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 470 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10,dry,unit}, S2$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300988



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

#### Turbo autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300995



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 150 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Turbo autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301018



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 190 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry,unit}, S2$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Turbo autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 190 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10,dry,unit}, S2$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6301015



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 200 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 470 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

#### Turbo autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 200 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 470 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301022



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 215 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Turbo autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 215 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 470 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301039



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 265 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Turbo autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 265 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301046



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

**BS EN 771-4:2011 + A1:2015**

**Turbo  
12**

### Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 300 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

#### Turbo autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 300 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301275



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Turbo  
12**

### Large Format Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry,unit}, S2$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Turbo autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10,dry,unit}, S2$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301282



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Turbo  
12**

### Large Format Turbo autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 115 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.10 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Turbo autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Turbo

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 115 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.90 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300711



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 50 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 50 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300728



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 75 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 75 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6300735



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 90 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 90 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300742



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

#### Shield autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300766



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 115 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 115 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 600 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300773



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 125 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 125 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300780



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300803



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 150 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

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

# Declaration of Performance

DOP/HANUK/TH/6300810



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 190 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 190 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300827



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 200 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 200 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6301268



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301381



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 115 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 115 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301428



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

**BS EN 771-4:2011 + A1:2015**

**Shield  
12**

### Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 240 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 240 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 600 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301398



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Shield  
12**

### Large Format Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301404



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Shield  
12**

### Large Format Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 115 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 115 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301442



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Shield  
12**

### Large Format Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 125 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 125 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301411



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Shield  
12**

### Large Format Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301534



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Shield  
12**

### Large Format Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 200 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 200 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6301435



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Shield  
12**

### Large Format Shield autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	540 (mm) x 100 (mm) x 440 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Shield autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Shield

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	540 x 100 x 440 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300599



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

**BS EN 771-4:2011 + A1:2015**

**Party Wall  
12**

## Party Wall autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Party Wall autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Party Wall

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 660 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300605



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

**BS EN 771-4:2011 + A1:2015**

**Party Wall  
12**

## Party Wall autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 215 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Party Wall autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Party Wall

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 215 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 660 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301213



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Party Wall  
12**

## Large Format Party Wall autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Party Wall autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Party Wall

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 660 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301145



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

**BS EN 771-4:2011 + A1:2015**

**Flooring Slip  
12**

## Flooring Slip autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 100 (mm) x 40 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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

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

1. Unique identification code of the product type:

### Flooring Slip autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Flooring Slip

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 100 x 40 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300018



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

**BS EN 771-4:2011 + A1:2015**

**Flooring Slip  
12**

### Flooring Slip autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 100 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Flooring Slip autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Flooring Slip

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 100 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301343



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

**BS EN 771-4:2011 + A1:2015**

**Floor End Block  
12**

### Floor End Block autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 150 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Floor End Block autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Floor End Block

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 730 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301350



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

**BS EN 771-4:2011 + A1:2015**

**Floor End Block  
12**

### Floor End Block autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 175 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Floor End Block autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Floor End Block

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 175 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6301558



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

**BS EN 771-4:2011 + A1:2015**

**Floor End Block  
12**

### Floor End Block autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	530 (mm) x 440 (mm) x 145 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Floor End Block autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Floor End Block

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	530 x 440 x 145 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 730 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300216



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7  
12**

## Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300230



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7  
12**

### Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 115 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 115 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 730 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300247



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7  
12**

## Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 125 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 125 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300261



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7  
12**

## Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300285



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7  
12**

## Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 150 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300292



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7  
12**

### Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 190 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 190 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300308



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7  
12**

## Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 200 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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

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

1. Unique identification code of the product type:

**Hi Strength 7 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 200 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6300315



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7  
12**

## Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 215 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Hi Strength 7 autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 215 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301305



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Hi Strength 7  
12**

### Large Format Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Hi Strength 7 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301312



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Hi Strength 7  
12**

### Large Format Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Hi Strength 7 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301541



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Hi Strength 7  
12**

## Large Format Hi Strength 7 autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 150 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Hi Strength 7 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Large Format Hi Strength 7

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 730 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300612



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

**BS EN 771-4:2011 + A1:2015**

**Paint Grade Smooth  
12**

### Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 660 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300629



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

**BS EN 771-4:2011 + A1:2015**

**Paint Grade Smooth  
12**

### Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	660 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300636



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

**BS EN 771-4:2011 + A1:2015**

**Paint Grade Smooth  
12**

### Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 150 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

#### Paint Grade Smooth autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	660 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300643



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

**BS EN 771-4:2011 + A1:2015**

**Paint Grade Smooth  
12**

### Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 190 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Paint Grade Smooth autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 190 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	660 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6300650



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

**BS EN 771-4:2011 + A1:2015**

**Paint Grade Smooth  
12**

### Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 200 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

#### Paint Grade Smooth autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 200 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	660 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300667



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

**BS EN 771-4:2011 + A1:2015**

**Paint Grade Smooth  
12**

### Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 215 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 660 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 215 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.00 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 660 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300339



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Paint Grade Smooth  
12**

### Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 730 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300353



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Paint Grade Smooth  
12**

### Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300360



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Paint Grade Smooth  
12**

### Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 150 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300377



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Paint Grade Smooth  
12**

### Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 190 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 190 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 730 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300384



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Paint Grade Smooth  
12**

### Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 200 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 200 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 730 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300391



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Paint Grade Smooth  
12**

### Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 215 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 215 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6301190



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Hi Strength 7 Paint Grade Smooth  
12**

**Large Format Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Large Format Hi Strength 7 Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301329



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

**BS EN 771-4:2011 + A1:2015**

**Large Format Hi Strength 7 Paint Grade Smooth  
12**

**Large Format Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 430 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Large Format Hi Strength 7 Paint Grade Smooth autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Large Format Hi Strength 7 Paint Grade Smooth

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 430 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300674



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock  
12**

### Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 255 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Trenchblock autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 255 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 600 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300681



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock  
12**

### Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 275 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Trenchblock autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 275 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300698



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock  
12**

### Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 300 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Trenchblock autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 300 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300704



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock  
12**

## Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 355 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Trenchblock autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 355 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301237



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock  
12**

## Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 255 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Trenchblock autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 255 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301244



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock  
12**

## Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 275 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Trenchblock autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 275 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6301251



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock  
12**

## Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 300 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Trenchblock autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 300 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301374



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock  
12**

## Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 355 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

### Trenchblock autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 355 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300544



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock T and G  
12**

### Trenchblock T and G autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 255 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

#### Trenchblock T and G autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock T and G

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 255 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 600 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300551



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock T and G  
12**

### Trenchblock T and G autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 275 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Trenchblock T and G autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock T and G

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 275 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300568



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock T and G  
12**

### Trenchblock T and G autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 300 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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

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

1. Unique identification code of the product type:

**Trenchblock T and G autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock T and G

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 300 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300575



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

**BS EN 771-4:2011 + A1:2015**

**Trenchblock T and G  
12**

### Trenchblock T and G autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 355 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Trenchblock T and G autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Trenchblock T and G

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 355 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.60 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 600 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300407



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock  
12**

### Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 255 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 255 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300414



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock  
12**

### Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 275 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 275 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6300421



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock  
12**

### Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 300 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 300 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300438



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock  
12**

### Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 355 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 355 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301169



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock  
12**

### Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 275 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 275 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301596



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock  
12**

### Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 300 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 300 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301336



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock  
12**

### Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 355 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 355 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300162



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock T and G  
12**

### Hi Strength 7 Trenchblock T and G autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 255 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock T and G autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock T and G

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 255 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300179



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock T and G  
12**

### Hi Strength 7 Trenchblock T and G autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 275 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock T and G autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock T and G

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 275 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 730 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300186



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock T and G  
12**

### Hi Strength 7 Trenchblock T and G autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 300 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock T and G autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock T and G

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 300 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6300193



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Trenchblock T and G  
12**

### Hi Strength 7 Trenchblock T and G autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 355 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Trenchblock T and G autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Trenchblock T and G

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 355 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 730 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300018



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Coursing Unit  
12**

### Hi Strength 7 Coursing Unit autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 100 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Coursing Unit autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Coursing Unit

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 100 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300025



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Coursing Unit  
12**

### Hi Strength 7 Coursing Unit autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 115 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Coursing Unit autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Coursing Unit

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 115 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300032



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Coursing Unit  
12**

### Hi Strength 7 Coursing Unit autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 125 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Coursing Unit autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Coursing Unit

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 125 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300049



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Coursing Unit  
12**

### Hi Strength 7 Coursing Unit autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 140 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Coursing Unit autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Coursing Unit

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 140 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300056



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Coursing Unit  
12**

### Hi Strength 7 Coursing Unit autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 150 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Coursing Unit autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Coursing Unit

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 150 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301114



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Coursing Block  
12**

### Hi Strength 7 Coursing Block autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Coursing Block autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Coursing Block

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301121



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Coursing Block  
12**

### Hi Strength 7 Coursing Block autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 115 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Coursing Block autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Coursing Block

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 115 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6301138



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Coursing Block  
12**

### Hi Strength 7 Coursing Block autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Coursing Block autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Coursing Block

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301626



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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 7 Coursing Block  
12**

## Hi Strength 7 Coursing Block autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 150 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

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.

1. Unique identification code of the product type:

**Hi Strength 7 Coursing Block autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 7 Coursing Block

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.30 N/mm <sup>2</sup> [ $\perp$ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: 730 kg/m <sup>3</sup> Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300087



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

**BS EN 771-4:2011 + A1:2015**

**Coursing Unit  
12**

## Coursing Unit autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 100 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

### Coursing Unit autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Coursing Unit

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 100 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	EN 771-4: 2011 + A1:2015
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

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

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300100



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

**BS EN 771-4:2011 + A1:2015**

**Coursing Unit  
12**

## Coursing Unit autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 115 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
	Moisture Movement: Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
	Fixed value: 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
	Fixed Value: 5/10
<b>Direct airborne sound insulation:</b>	
	Gross density: 600 kg/m <sup>3</sup>
	Configuration: As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

### Coursing Unit autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Coursing Unit

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 115 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
	Moisture Movement: Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
	Fixed value: 0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
	Fixed Value: 5/10	
Direct Airborne Sound Insulation		
	Gross density: 600 kg/m <sup>3</sup> Configuration: As above	EN 771-4: 2011 + A1:2015
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

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

# Declaration of Performance

DOP/HANUK/TH/6300117



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

**BS EN 771-4:2011 + A1:2015**

**Coursing Unit  
12**

## Coursing Unit autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 125 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

### Coursing Unit autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Coursing Unit

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 125 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	EN 771-4: 2011 + A1:2015
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

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

# Declaration of Performance

DOP/HANUK/TH/6300131



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

**BS EN 771-4:2011 + A1:2015**

**Coursing Unit  
12**

## Coursing Unit autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 140 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

### Coursing Unit autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Coursing Unit

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 140 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	EN 771-4: 2011 + A1:2015
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

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

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300148



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

**BS EN 771-4:2011 + A1:2015**

**Coursing Unit  
12**

## Coursing Unit autoclaved aerated concrete masonry units

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 150 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

### Coursing Unit autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Coursing Unit

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 150 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	EN 771-4: 2011 + A1:2015
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10,dry,unit}$ , S2]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

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

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300445



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 100 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). **Hi Strength 10**

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**

**13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

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



# Declaration of Performance

DOP/HANUK/TH/6300469



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 140 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). **Hi Strength 10**

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**

**13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	EN 771-4: 2011 + A1:2015
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

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

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300476



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 150 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). **Hi Strength 10**

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**

**13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

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

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300483



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 190 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). **Hi Strength 10**

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+  
13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 190 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	EN 771-4: 2011 + A1:2015
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

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

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300490



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 200 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). **Hi Strength 10**

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+  
13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 200 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]	EN 771-4: 2011 + A1:2015
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

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

# Declaration of Performance

DOP/HANUK/TH/6300506



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 215 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 10

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 2+**

**13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 215 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

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

# Declaration of Performance

DOP/HANUK/TH/6300513



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 275 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). **Hi Strength 10**

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**

**13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 275 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

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

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6300520



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 300 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). **Hi Strength 10**

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+  
13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 300 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,  
Head of Quality**

16 March 2017

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

# Declaration of Performance

DOP/HANUK/TH/6300445



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 355 (mm) x 215 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). **Hi Strength 10**

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**

**13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 355 x 215 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]	EN 771-4: 2011 + A1:2015
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

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

16 March 2017



# Declaration of Performance

DOP/HANUK/TH/6301466



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	440 (mm) x 275 (mm) x 140 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). **Hi Strength 10**

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**

**13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 275 x 140 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

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

# Declaration of Performance

DOP/HANUK/TH/6301565



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 100 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 10

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 2+**

**13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 100 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration: 770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

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

16 March 2017

# Declaration of Performance

DOP/HANUK/TH/6301602



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 140 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery category: ticket)
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). **Hi Strength 10**

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**

**13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 140 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

16 March 2017

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

# Declaration of Performance

DOP/HANUK/TH/6301619



13333

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

**BS EN 771-4:2011 + A1:2015**

**Hi Strength 10  
12**

**13333-CPR-00200**

**Hi Strength 10 autoclaved aerated concrete masonry units**

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions

<b>Dimensions:</b>	215 (mm) x 150 (mm) x 65 (mm)
<b>Dimensional tolerances:</b>	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
<b>Configuration:</b>	Solid
<b>Compressive strength:</b>	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]
<b>Dimension Stability:</b>	
Moisture Movement:	Nominal 0.50 mm/m
<b>Shear Bond Strength:</b>	
Fixed value:	0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient :</b>	
Fixed Value:	5/10
<b>Direct airborne sound insulation:</b>	
Gross density:	770 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	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.

1. Unique identification code of the product type:

**Hi Strength 10 autoclaved aerated concrete masonry units**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
Hi Strength 10

1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity and partitions**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 2+**

**13333-CPR-00200**

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 150 x 65 mm <b>GPLM</b> (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 9.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat I]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation	Gross density: Configuration:	
	770 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.17 W/m.K [ $\lambda_{10,dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**A C Cuthbert,**  
Head of Quality

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

16 March 2017

**Declaration of Performance**

DOP/HANUK/TH/6301619

