






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5 Grange Park Court  
Roman Way  
Northampton  
NN4 5EA

Tel +44 (0)1604 707 600  
[forterra.co.uk](http://forterra.co.uk)

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

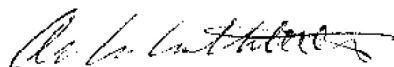
1. First, press your  +  buttons to bring up the search box.

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  
Quality Manager  
Forterra Building Products Limited

# Declaration of Performance

DOP/5057595034106



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

BS EN 771-4:2011 + A1:2015

**Turbo 100mm STUR1001102GR  
20**

### Turbo 100mm 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 2.9 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:	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

The performance of the product 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 100mm 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). STUR1001102GR

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034106

# Declaration of Performance

DOP/5057595034113



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

BS EN 771-4:2011 + A1:2015

**Turbo 115mm STUR1151102GR  
20**

**Turbo 115mm 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 2.9 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:	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

The performance of the product 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 115mm 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). STUR1151102GR

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034113

# Declaration of Performance

DOP/5057595034120



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

BS EN 771-4:2011 + A1:2015

**Turbo 125mm STUR1251102GR  
20**

### Turbo 125mm 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 2.9 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:	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

The performance of the product 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 125mm 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). STUR1251102GR

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 2.9 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:	470 kg/m <sup>3</sup>	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034120

# Declaration of Performance

DOP/STUR1301102GR



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

BS EN 771-4:2011 + A1:2015

**Turbo 130mm STUR1301102GR  
20**

### Turbo 130mm 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 2.9 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:	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

The performance of the product 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 130mm 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). STUR1301102GR

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/STUR1301102GR

# Declaration of Performance

DOP/5057595034137



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

BS EN 771-4:2011 + A1:2015

**Turbo 140mm STUR1401102GR  
20**

### Turbo 140mm 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 2.9 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:	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

The performance of the product 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 140mm 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). STUR1401102GR

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034137

# Declaration of Performance

DOP/5057595034144



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

BS EN 771-4:2011 + A1:2015

**Turbo 150mm STUR1501102GR  
20**

### Turbo 150mm 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 2.9 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:	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

The performance of the product 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 150mm 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). STUR1501102GR

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034144

# Declaration of Performance

DOP/5057595034151



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

BS EN 771-4:2011 + A1:2015

**Turbo 190mm STUR1901102GR  
20**

### Turbo 190mm 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 2.9 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:	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

The performance of the product 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 190mm 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). STUR1901102GR

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034151



# Declaration of Performance

DOP/5057595034168



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

BS EN 771-4:2011 + A1:2015

**Turbo 200mm STUR2001102GR  
20**

### Turbo 200mm 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 2.9 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:	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

The performance of the product 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 200mm 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). STUR2001102GR

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034168

# Declaration of Performance

DOP/5057595034175



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

BS EN 771-4:2011 + A1:2015

**Turbo 215mm STUR2151102GR  
20**

### Turbo 215mm 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 2.9 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:	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

The performance of the product 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 215mm 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). STUR2151102GR

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034175

# Declaration of Performance

DOP/5057595034182



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

BS EN 771-4:2011 + A1:2015

**Turbo 265mm STUR2651102GR  
20**

### Turbo 265mm 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 2.9 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:	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

The performance of the product 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 265mm 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). STUR2651102GR

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034182

# Declaration of Performance

DOP/5057595034199



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

BS EN 771-4:2011 + A1:2015

Turbo 300mm STUR3001102GR  
20

## Turbo 300mm 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 2.9 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:	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

The performance of the product 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 300mm 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). STUR3001102GR

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034199

# Declaration of Performance

DOP/5057595034212



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

BS EN 771-4:2011 + A1:2015

Shield 50mm SSHD0501103GR  
20

## Shield 50mm 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 3.6 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:

### Shield 50mm 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). SSHD0501103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034212

# Declaration of Performance

DOP/5057595034229



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

BS EN 771-4:2011 + A1:2015

Shield 75mm SSHD0751103GR  
20

### Shield 75mm 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 3.6 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:

### Shield 75mm 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). SSHD0751103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034229

# Declaration of Performance

DOP/SSHD0901103GR



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

BS EN 771-4:2011 + A1:2015

Shield 90mm SSHD0901103GR  
20

## Shield 90mm 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 3.6 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:

### Shield 90mm 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). SSHD0901103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/SSHD0901103GR

# Declaration of Performance

DOP/5057595034236



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

BS EN 771-4:2011 + A1:2015

Shield 100mm SSHD1001103GR  
20

## Shield 100mm 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 3.6 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:

**Shield 100mm 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). SSHD1001103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034236



# Declaration of Performance

DOP/5057595036292



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

BS EN 771-4:2011 + A1:2015

Shield 115mm SSHD1151103GR  
20

## Shield 115mm 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 3.6 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:

**Shield 115mm 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). SSHD1151103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595036292

# Declaration of Performance

DOP/5057595034243



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

BS EN 771-4:2011 + A1:2015

Shield 125mm SSHD1251103GR  
20

## Shield 125mm 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 3.6 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:

**Shield 125mm 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). SSHD1251103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034243

# Declaration of Performance

DOP/5057595034250



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

BS EN 771-4:2011 + A1:2015

Shield 140mm SSHD1401103GR  
20

## Shield 140mm 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 3.6 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:

### Shield 140mm 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). SSHD1401103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034250

# Declaration of Performance

DOP/5057595034267



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

BS EN 771-4:2011 + A1:2015

Shield 150mm SSHD1501103GR  
20

## Shield 150mm 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 3.6 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:

**Shield 150mm 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). SSHD1501103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034267

# Declaration of Performance

DOP/5057595034274



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

BS EN 771-4:2011 + A1:2015

Shield 190mm SSHD1901103GR  
20

## Shield 190mm 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 3.6 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:

**Shield 190mm 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). SSHD1901103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034274

# Declaration of Performance

DOP/5057595034281



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

BS EN 771-4:2011 + A1:2015

Shield 200mm SSHD2001103GR  
20

## Shield 200mm 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 3.6 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:

**Shield 200mm 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). SSHD2001103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034281

# Declaration of Performance

DOP/5057595034045



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

BS EN 771-4:2011 + A1:2015

Shield 100 x 440 x 140mm SSHD1001203GR  
20

Shield 100 x 440 x 140mm 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 3.6 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:

Shield 100 x 440 x 140mm 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). SSHD1001203GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034045

# Declaration of Performance

DOP/5057595034786



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

BS EN 771-4:2011 + A1:2015

Shield 100 x 440 x 430mm SSHD1001403GR  
20

Shield 100 x 440 x 430mm 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 3.6 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:

Shield 100 x 440 x 430mm 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). SSHD1001403GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034786



# Declaration of Performance

DOP/5057595034397



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

BS EN 771-4:2011 + A1:2015

Party Wall 100mm SPWA1001104GR  
20

## Party Wall 100mm 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 4.0 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:	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

The performance of the product 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 100mm 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). SPWA1001104GR

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 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034397

# Declaration of Performance

DOP/5057595034403



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

BS EN 771-4:2011 + A1:2015

Party Wall 215mm SPWA2151104GR  
20

## Party Wall 215mm 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 4.0 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:	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

The performance of the product 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 215mm 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). SPWA2151104GR

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 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034403

# Declaration of Performance

DOP/5057595033987



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Brick 100mm SHSB1002207GR  
20

Hi-Strength Brick 100mm 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 7.3 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:	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

The performance of the product 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 Brick 100mm 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). SHSB1002207GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595033987

# Declaration of Performance

DOP/5057595034847



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 140mm SHST1401607GR  
20

## Hi-Strength 140mm 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 7.3 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:	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

The performance of the product 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 140mm 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). SHST1401607GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034847

# Declaration of Performance

DOP/5057595034519



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 90mm SHST1001107GR  
20

## Hi-Strength 90mm 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 7.3 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:	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

The performance of the product 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 90mm 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). SHST1001107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034519

# Declaration of Performance

DOP/5057595034526



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 115mm SHST1151107GR  
20

## Hi-Strength 115mm 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 7.3 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:	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

The performance of the product 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 115mm 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). SHST1151107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034526

# Declaration of Performance

DOP/5057595034533



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 125mm SHST1251107GR  
20

## Hi-Strength 125mm 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 7.3 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:	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

The performance of the product 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 125mm 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). SHST1251107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034533

# Declaration of Performance

DOP/5057595034540



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 140mm SHST1401107GR  
20

## Hi-Strength 140mm 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 7.3 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:	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

The performance of the product 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 140mm 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). SHST1401107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034540



# Declaration of Performance

DOP/5057595034557



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 150mm SHST1501107GR  
20

## Hi-Strength 150mm 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 7.3 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:	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

The performance of the product 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 150mm 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). SHST1501107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034557

# Declaration of Performance

DOP/5057595034564



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 190mm SHST1901107GR  
20

## Hi-Strength 190mm 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 7.3 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:	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

The performance of the product 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 190mm 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). SHST1901107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034564

# Declaration of Performance

DOP/5057595034571



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 200mm SHST2001107GR  
20

## Hi-Strength 200mm 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 7.3 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:	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

The performance of the product 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 200mm 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). SHST2001107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034571

# Declaration of Performance

DOP/5057595034588



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 215mm SHST2151107GR  
20

## Hi-Strength 215mm 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 7.3 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:	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

The performance of the product 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 215mm 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). SHST2151107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034588

# Declaration of Performance

DOP/5057595034427



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

BS EN 771-4:2011 + A1:2015

Paint Grade Smooth 100mm SSPG1001104GR  
20

Paint Grade Smooth 100mm 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 4.0 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:	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

The performance of the product 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 100mm 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). SSPG1001104GR

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 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034427

# Declaration of Performance

DOP/5057595034434



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

BS EN 771-4:2011 + A1:2015

Paint Grade 140mm SSPG1401104GR  
20

Paint Grade 140mm 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 4.0 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:	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

The performance of the product 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 140mm 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). SSPG1401104GR

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 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034434

# Declaration of Performance

DOP/5057595034441



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

BS EN 771-4:2011 + A1:2015

Paint Grade 190mm SSPG1901104GR  
20

Paint Grade 190mm 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 4.0 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:	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

The performance of the product 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 190mm 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). SSPG1901104GR

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 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034441

# Declaration of Performance

DOP/5057595034458



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

BS EN 771-4:2011 + A1:2015

Paint Grade 200mm SSPG2001104GR  
20

Paint Grade 200mm 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 4.0 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:	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

The performance of the product 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 200mm 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). SSPG2001104GR

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 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034458



# Declaration of Performance

DOP/5057595034472



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Paint Grade 100mm SHSS1001107GR  
20

Hi-Strength Paint Grade 100mm 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 7.3 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:	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

The performance of the product 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 Paint Grade 100mm 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). SHSS1001107GR

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 7.3 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:	730 kg/m <sup>3</sup>	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034472

# Declaration of Performance

DOP/5057595034489



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Paint Grade 140mm SHSS1401107GR  
20

Hi-Strength Paint Grade 140mm 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 7.3 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:	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

The performance of the product 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 Paint Grade 140mm 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). SHSS1401107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034489

# Declaration of Performance

DOP/SHSS1501107GR



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Paint Grade 150mm SHSS1501107GR  
20

Hi-Strength Paint Grade 150mm 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 7.3 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:	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

The performance of the product 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 Paint Grade 150mm 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). SHSS1501107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/SHSS1501107GR

# Declaration of Performance

DOP/5057595034496



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Paint Grade 190mm SHSS1901107GR  
20

Hi-Strength Paint Grade 190mm 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 7.3 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:	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

The performance of the product 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 Paint Grade 190mm 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). SHSS1901107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034496

# Declaration of Performance

DOP/SHSS2001107GR



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Paint Grade 200mm SHSS2001107GR  
20

Hi-Strength Paint Grade 200mm 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 7.3 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:	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

The performance of the product 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 Paint Grade 200mm 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). SHSS2001107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/SHSS2001107GR

# Declaration of Performance

DOP/5057595034502



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Paint Grade 215mm SHSS2151107GR  
20

Hi-Strength Paint Grade 215mm 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 7.3 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:	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

The performance of the product 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 Paint Grade 215mm 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). SHSS2151107GR

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 7.3 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:	730 kg/m <sup>3</sup>	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034502

# Declaration of Performance

DOP/STRE2551103GR



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 255mm STRE2551103GR  
20**

### Trenchblock 255mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock 255mm 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). STRE2551103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/STRE2551103GR

# Declaration of Performance

DOP/5057595034298



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 275mm STRE2751103GR  
20**

### Trenchblock 275mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock 275mm 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). STRE2751103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034298



# Declaration of Performance

DOP/5057595034304



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 300mm STRE3001103GR  
20**

### Trenchblock 300mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock 300mm 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). STRE3001103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034304

# Declaration of Performance

DOP/5057595034311



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 355mm STRE3551103GR  
20**

### Trenchblock 355mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock 355mm 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). STRE3551103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034311

# Declaration of Performance

DOP/STRE275120GR



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 275mm STRE275120GR  
20**

### Trenchblock 275mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock 275mm 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). STRE275120GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/STRE275120GR

# Declaration of Performance

DOP/STRE300120GR



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 300mm STRE300120GR  
20**

### Trenchblock 300mm 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 3.6 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>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

See Also Declaration of Performance DOP/STRE300120GR

The performance of the product 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 300mm 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). STRE300120GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

# Declaration of Performance

DOP/5057595034328



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

BS EN 771-4:2011 + A1:2015

**Trenchblock T&G 255mm STTG2551103GR  
20**

**Trenchblock T&G 255mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock T&G 255mm 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). STTG2551103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034328

# Declaration of Performance

DOP/5057595034335



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

BS EN 771-4:2011 + A1:2015

**Trenchblock T&G 275mm STTG2751103GR  
20**

**Trenchblock T&G 275mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock T&G 275mm 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). STTG2751103GR

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 3.6 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	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>	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	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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034335

# Declaration of Performance

DOP/5057595034342



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

BS EN 771-4:2011 + A1:2015

**Trenchblock T&G 300mm STTG3001103GR  
20**

**Trenchblock T&G 300mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock T&G 300mm 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). STTG3001103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034342

# Declaration of Performance

DOP/5057595034359



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

BS EN 771-4:2011 + A1:2015

**Trenchblock T&G 355mm STTG3551103GR  
20**

**Trenchblock T&G 355mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock T&G 355mm 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). STTG3551103GR

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034359



# Declaration of Performance

DOP/5057595034595



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 255mm SHST2551107GR  
20

Hi-Strength Trench 255mm 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 7.3 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:	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

The performance of the product 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 Trench 255mm 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). SHST2551107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034595

# Declaration of Performance

DOP/5057595034601



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 275mm SHST2751107GR  
20

Hi-Strength Trench 275mm 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 7.3 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:	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

The performance of the product 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 Trench 275mm 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). SHST2751107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034601

# Declaration of Performance

DOP/5057595034618



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 300mm SHST3001107GR  
20

Hi-Strength Trench 300mm 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 7.3 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:	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

The performance of the product 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 Trench 300mm 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). SHST3001107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034618

# Declaration of Performance

DOP/5057595034632



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 355mm SHST3551107GR  
20

Hi-Strength Trench 355mm 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 7.3 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:	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

The performance of the product 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 Trench 355mm 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). SHST3551107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034632

# Declaration of Performance

DOP/5057595034083



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 140 x 275mm SHST2751207GR  
20

Hi-Strength Trench 140 x 275mm 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 7.3 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:	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

The performance of the product 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 Trench 140 x 275mm 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). SHST2751207GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034083

# Declaration of Performance

DOP/5057595034090



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Trench 140 x 300mm SHST3001207GR  
20**

**Hi-Strength Trench 140 x 300mm 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 7.3 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:	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

The performance of the product 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 Trench 140 x 300mm 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). SHST3001207GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034090

# Declaration of Performance

DOP/SHST3551207GR



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 140 x 355mm SHST3551207GR  
20

Hi-Strength Trench 140 x 355mm 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 7.3 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:	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

The performance of the product 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 Trench 140 x 355mm 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). SHST3551207GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/SHST3551207GR

# Declaration of Performance

DOP/5057595034649



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

BS EN 771-4:2011 + A1:2015

Hi-Strength T&G 255mm SHTG2551107GR  
20

Hi-Strength T&G 255mm 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 7.3 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:	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

The performance of the product 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 T&G 255mm 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). SHTG2551107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034649



# Declaration of Performance

DOP/5057595034656



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

BS EN 771-4:2011 + A1:2015

Hi-Strength T&G 275mm SHTG2751107GR  
20

Hi-Strength T&G 275mm 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 7.3 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:	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

The performance of the product 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 T&G 275mm 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). SHTG2751107GR

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 7.3 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:	730 kg/m <sup>3</sup>	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034656

# Declaration of Performance

DOP/5057595034663



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

BS EN 771-4:2011 + A1:2015

Hi-Strength T&G 300mm SHTG3001107GR  
20

Hi-Strength T&G 300mm 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 7.3 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:	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

The performance of the product 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 T&G 300mm 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). SHTG3001107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	Commission Decision 2000/605/EC
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034663

# Declaration of Performance

DOP/5057595034687



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

BS EN 771-4:2011 + A1:2015

Hi-Strength T&G 355mm SHTG3551107GR  
20

Hi-Strength T&G 355mm 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 7.3 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:	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

The performance of the product 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 T&G 355mm 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). SHTG3551107GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034687

# Declaration of Performance

DOP/5057595034809



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

BS EN 771-4:2011 + A1:2015

**H/S Coursing Block 100mm SHSB1001207GR  
20**

**H/S Coursing Block 100mm 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 7.3 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:	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

The performance of the product 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:

**H/S Coursing Block 100mm 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). SHSB1001207GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034809

# Declaration of Performance

DOP/5057595036278



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

BS EN 771-4:2011 + A1:2015

H/S Coursing Block 115mm SHSB1151207GR  
20

H/S Coursing Block 115mm 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 7.3 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:	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

The performance of the product 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:

H/S Coursing Block 115mm 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). SHSB1151207GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595036278

# Declaration of Performance

DOP/5057595034816



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

BS EN 771-4:2011 + A1:2015

H/S Coursing Block 140mm SHSB1401207GR  
20

H/S Coursing Block 140mm 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 7.3 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:	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

The performance of the product 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:

**H/S Coursing Block 140mm 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). SHSB1401207GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034816

# Declaration of Performance

DOP/5057595036285



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

BS EN 771-4:2011 + A1:2015

H/S Coursing Block 150mm SHSB1501207GR  
20

H/S Coursing Block 150mm 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 7.3 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:	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

The performance of the product 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:

**H/S Coursing Block 150mm 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). SHSB1501207GR

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595036285

# Declaration of Performance

DOP/5057595033932



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

BS EN 771-4:2011 + A1:2015

Bricks 100mm SBRI1002203GR  
20

Bricks 100mm 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:

**Bricks 100mm 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). SBRI1002203GR

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	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595033932



# Declaration of Performance

DOP/5057595033949



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

BS EN 771-4:2011 + A1:2015

Bricks 115mm SBRI1152203GR  
20

## Bricks 115mm 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:

### Bricks 115mm 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). SBRI1152203GR

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	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595033949

# Declaration of Performance

DOP/5057595033956



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

BS EN 771-4:2011 + A1:2015

Bricks 125mm SBRI1252203GR  
20

## Bricks 125mm 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:

**Bricks 125mm 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). SBRI1252203GR

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	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595033956

# Declaration of Performance

DOP/5057595033963



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

BS EN 771-4:2011 + A1:2015

Bricks 140mm SBRI1402203GR  
20

Bricks 140mm 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:

**Bricks 140mm 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). SBRI1402203GR

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	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595033963

# Declaration of Performance

DOP/5057595033970



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

BS EN 771-4:2011 + A1:2015

Bricks 150mm SBRI1502203GR  
20

### Bricks 150mm 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:

### Bricks 150mm 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). SBRI1502203GR

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	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595033970

# Declaration of Performance

DOP/5057595034700



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

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

**Hi-Strength 9 100mm SHSX1001110GR  
21**

**1333-CPR-00200**

**Hi-Strength 9 100mm 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>	
<b>Moisture Movement:</b>	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 9 100mm 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). SHSX1001110GR

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+ 1333-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	
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034700

# Declaration of Performance

DOP/5057595034717



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

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

**Hi-Strength 9 140mm SHSX1401110GR  
21**

**1333-CPR-00200**

**Hi-Strength 9 140mm 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>	
<b>Shear Bond Strength:</b>	Moisture Movement: Nominal 0.50 mm/m
	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 9 140mm 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). SHSX1401110GR

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+ 1333-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>	
<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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034717

# Declaration of Performance

DOP/SHSX1501110GR



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

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

**Hi-Strength 9 150mm SHSX1501110GR  
21**

**1333-CPR-00200**

**Hi-Strength 9 150mm 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>	
<b>Shear Bond Strength:</b>	Moisture Movement: Nominal 0.50 mm/m
	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 9 150mm 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). SHSX1501110GR

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+  
1333-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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/SHSX1501110GR

# Declaration of Performance

DOP/5057595034724



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

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

**Hi-Strength 9 190mm SHSX1901110GR  
21**

**1333-CPR-00200**

**Hi-Strength 9 190mm 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>	
<b>Shear Bond Strength:</b>	Moisture Movement: Nominal 0.50 mm/m
	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 9 190mm 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). SHSX1901110GR

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+  
1333-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>	
<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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/5057595034724



# Declaration of Performance

DOP/5057595034731



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

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

**Hi-Strength 9 200mm SHSX2001110GR  
21**

**1333-CPR-00200**

**Hi-Strength 9 200mm 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>	
<b>Shear Bond Strength:</b>	Moisture Movement: Nominal 0.50 mm/m
	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 9 200mm 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). SHSX2001110GR

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+  
1333-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>	
<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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/5057595034731

# Declaration of Performance

DOP/5057595034748



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

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

**Hi-Strength 9 215mm SHSX2151110GR  
21**

**1333-CPR-00200**

**Hi-Strength 9 215mm 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>	
<b>Shear Bond Strength:</b>	Moisture Movement: Nominal 0.50 mm/m
	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 9 215mm 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). SHSX2151110GR

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+  
1333-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	
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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/5057595034748

# Declaration of Performance

DOP/SHSX2751110GR



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

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

**Hi-Strength 9 275mm SHSX2751110GR  
21**

**1333-CPR-00200**

**Hi-Strength 9 275mm 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>	
<b>Shear Bond Strength:</b>	Moisture Movement: Nominal 0.50 mm/m
	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 9 275mm 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). SHSX2751110GR

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+  
1333-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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/SHSX2751110GR

# Declaration of Performance

DOP/5057595034755



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

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

**Hi-Strength 9 Trench 300mm SHSX3001110GR  
21  
1333-CPR-00200**

**Hi-Strength 9 Trench 300mm 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>	
<b>Moisture Movement:</b>	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 9 Trench 300mm 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). SHSX3001110GR

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+  
1333-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	
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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/5057595034755

# Declaration of Performance

DOP/5057595034762



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

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

**Hi-Strength 9 T&G 355mm SHSX3551110GR  
21**

**1333-CPR-00200**

**Hi-Strength 9 T&G 355mm 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>	
<b>Moisture Movement:</b>	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>	
<b>Gross density:</b>	770 kg/m <sup>3</sup>
<b>Configuration:</b>	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 9 T&G 355mm 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). SHSX3551110GR

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+  
1333-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>	
<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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/5057595034762

# Declaration of Performance

DOP/5057595034823



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

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

**H/S Ten Coursing Block 100mm SHXB1001210GR  
21  
1333-CPR-00200**

**H/S Ten Coursing Block 100mm 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 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>	
<b>Moisture Movement:</b>	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>	
<b>Gross density:</b>	770 kg/m <sup>3</sup>
<b>Configuration:</b>	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:

**H/S Ten Coursing Block 100mm 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). SHXB1001210GR

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+  
1333-CPR-00200**

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 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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/5057595034823

# Declaration of Performance

DOP/5057595034830



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

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

**H/S 9 Coursing Block 140mm SHXB1401210GR  
21**

**1333-CPR-00200**

**H/S 9 Coursing Block 140mm 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 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>	
<b>Shear Bond Strength:</b>	Moisture Movement: Nominal 0.50 mm/m
	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:

**H/S 9 Coursing Block 140mm 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). SHXB1401210GR

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+  
1333-CPR-00200**

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 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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034830

# Declaration of Performance

DOP/5057595034007



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

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

**Hi-Strength 9 Brick 100mm SHXB1002210GR  
21  
1333-CPR-00200**

**Hi-Strength 9 Brick 100mm 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 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>	
<b>Shear Bond Strength:</b>	Moisture Movement: Nominal 0.50 mm/m
	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 9 Brick 100mm 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). SHXB1002210GR

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+  
1333-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	
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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/5057595034007



# Declaration of Performance

DOP/5057595034014



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

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

**Hi-Strength 9 Brick 140mm SHXB1402210GR  
21  
1333-CPR-00200**

**Hi-Strength 9 Brick 140mm 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>	
<b>Moisture Movement:</b>	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>	
<b>Gross density:</b>	770 kg/m <sup>3</sup>
<b>Configuration:</b>	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 9 Brick 140mm 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). SHXB1402210GR

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+  
1333-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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/5057595034014

# Declaration of Performance

DOP/5057595034205



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

BS EN 771-4:2011 + A1:2015

**Turbo 100mm STUR1001102VO  
20**

### Turbo 100mm 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 2.9 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:	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

The performance of the product 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 100mm 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). STUR1001102VO

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 2.9 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	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>	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034205

# Declaration of Performance

DOP/STUR1301102VO



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

BS EN 771-4:2011 + A1:2015

**Turbo 130mm STUR1301102VO  
20**

### Turbo 130mm 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 2.9 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:	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

The performance of the product 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 130mm 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). STUR1301102VO

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 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/STUR1301102VO

# Declaration of Performance

DOP/SSHD0901103VO



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

BS EN 771-4:2011 + A1:2015

Shield 90mm SSHD0901103VO  
20

### Shield 90mm 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 3.6 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:

### Shield 90mm 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). SSHD0901103VO

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/SSHD0901103VO

# Declaration of Performance

DOP/5057595034366



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

BS EN 771-4:2011 + A1:2015

Shield 100mm SSHD1001103VO  
20

## Shield 100mm 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 3.6 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:

**Shield 100mm 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). SSHD1001103VO

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034366

# Declaration of Performance

DOP/5057595034694



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 90mm SHST1001107VO  
20

## Hi-Strength 90mm 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 7.3 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:	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

The performance of the product 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 90mm 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). SHST1001107VO

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034694

# Declaration of Performance

DOP/SHSS1501107VO



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Paint Grade 150mm SHSS1501107VO  
20**

**Hi-Strength Paint Grade 150mm 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 7.3 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:	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

The performance of the product 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 Paint Grade 150mm 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). SHSS1501107VO

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/SHSS1501107VO

# Declaration of Performance

DOP/SHSS2001107VO



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Paint Grade 200mm SHSS2001107VO  
20

Hi-Strength Paint Grade 200mm 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 7.3 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:	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

The performance of the product 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 Paint Grade 200mm 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). SHSS2001107VO

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/SHSS2001107VO



# Declaration of Performance

DOP/STRE2551103VO



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 255mm STRE2551103VO  
20**

### Trenchblock 255mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock 255mm 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). STRE2551103VO

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/STRE2551103VO

# Declaration of Performance

DOP/STRE275120VO



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 275mm STRE275120VO  
20**

### Trenchblock 275mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock 275mm 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). STRE275120VO

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/STRE275120VO

# Declaration of Performance

DOP/STRE300120VO



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 300mm STRE300120VO  
20**

### Trenchblock 300mm 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 3.6 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>	Resistant to Freeze Thaw
<b>Dangerous Substances:</b>	NPD

See Also Declaration of Performance DOP/STRE300120VO

The performance of the product 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 300mm 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). STRE300120VO

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

# Declaration of Performance

DOP/5057595034373



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

BS EN 771-4:2011 + A1:2015

**Trenchblock T&G 275mm STTG2751103VO  
20**

**Trenchblock T&G 275mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock T&G 275mm 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). STTG2751103VO

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034373

# Declaration of Performance

DOP/5057595034380



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

BS EN 771-4:2011 + A1:2015

**Trenchblock T&G 300mm STTG3001103VO  
20**

**Trenchblock T&G 300mm 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 3.6 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>	Resistant to Freeze Thaw
<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:

**Trenchblock T&G 300mm 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). STTG3001103VO

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 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034380

# Declaration of Performance

DOP/5057595034625



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 300mm SHST3001107VO  
20

Hi-Strength Trench 300mm 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 7.3 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:	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

The performance of the product 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 Trench 300mm 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). SHST3001107VO

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	EN 771-4: 2011 + A1:2015
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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034625

# Declaration of Performance

DOP/SHST3551207VO



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 140 x 355mm SHST3551207VO  
20

Hi-Strength Trench 140 x 355mm 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 7.3 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:	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

The performance of the product 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 Trench 140 x 355mm 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). SHST3551207VO

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/SHST3551207VO

# Declaration of Performance

DOP/5057595034670



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength T&G 300mm SHTG3001107VO  
20**

**Hi-Strength T&G 300mm 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 7.3 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:	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

The performance of the product 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 T&G 300mm 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). SHTG3001107VO

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 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm <sup>2</sup>	
<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		EN 771-4: 2011 + A1:2015
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	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,**  
Quality Control Manager  
Place of Signing: Northampton, UK.

21 April 2021

See Also Declaration of Performance DOP/5057595034670



# Declaration of Performance

DOP/SHSX1501110VO



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

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

**Hi-Strength 9 150mm SHSX1501110VO  
21**

**1333-CPR-00200**

**Hi-Strength 9 150mm 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>	
<b>Moisture Movement:</b>	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>	
<b>Gross density:</b>	770 kg/m <sup>3</sup>
<b>Configuration:</b>	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 9 150mm 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). SHSX1501110VO

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+  
1333-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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK.**

21 April 2021

See Also Declaration of Performance DOP/SHSX1501110VO

# Declaration of Performance

DOP/SHSX2751110VO



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

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

**Hi-Strength 9 275mm SHSX2751110VO  
21**

**1333-CPR-00200**

**Hi-Strength 9 275mm 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>	
<b>Shear Bond Strength:</b>	Moisture Movement: Nominal 0.50 mm/m
	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 9 275mm 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). SHSX2751110VO

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+  
1333-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,**  
**Quality Control Manager**  
**Place of Signing: Northampton, UK**

21 April 2021

See Also Declaration of Performance DOP/SHSX2751110VO