

Declaration of Performance  
DOP/STUR1001102GR



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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/STUR1001102GR



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

See Also Declaration of Performance DOP/STUR1151102GR

## Declaration of Performance

DOP/STUR1151102GR



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

- Unique identification code of the product type:

**Turbo 115mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
STUR1151102GR
- 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**
- 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

- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024



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

See Also Declaration of Performance DOP/STUR1251102GR

## Declaration of Performance

DOP/STUR1251102GR



The performance of the product 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
3. 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

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

Dimensions:	440 (mm) x 130 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/STUR1301102GR

The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/STUR1401102GR



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

Dimensions:	440 (mm) x 140 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/STUR1401102GR

The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024



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

**Dimensions:** 440 (mm) x 150 (mm) x 215 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 2.9 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 470 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** NPD

## Declaration of Performance

DOP/STUR1501102GR



The performance of the product 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw Dangerous Substances	NPD 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.**

08 October 2024

See Also Declaration of Performance DOP/STUR1501102GR



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

See Also Declaration of Performance DOP/STUR1901102GR

## Declaration of Performance

DOP/STUR1901102GR



The performance of the product 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

3. 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024



Declaration of Performance  
DOP/STUR2001102GR



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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	category: GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	Fixed Value: 5/10
Direct airborne sound insulation:	Gross density: 470 kg/m <sup>3</sup> Configuration: As Above
Thermal conductivity:	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/STUR2001102GR

The performance of the product 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	470 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw Dangerous Substances	NPD 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.

08 October 2024



Declaration of Performance  
DOP/STUR2151102GR



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

Dimensions:	440 (mm) x 215 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/STUR2151102GR

The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/STUR2651102GR



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

Dimensions:	440 (mm) x 265 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/STUR2651102GR

The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/STUR3001102GR



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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/STUR3001102GR

The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

Declaration of Performance  
DOP/SSHD0501103GR



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

Dimensions:	440 (mm) x 50 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

See Also Declaration of Performance DOP/SSHD0501103GR

Declaration of Performance  
DOP/SSHD0751103GR



The performance of the product 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	
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	
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 [λ <sub>10,dry unit, S2</sub> ]	
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.**

08 October 2024



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

**Dimensions:** 440 (mm) x 75 (mm) x 215 (mm)  
**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid  
**Compressive strength:** Mean 3.6 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:**  
Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [λ<sub>10,dry unit, S2</sub>]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** NPD

See Also Declaration of Performance DOP/SSHD0751103GR

Declaration of Performance  
DOP/SSHD0901103GR



The performance of the product 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw Dangerous Substances	NPD 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.**

08 October 2024



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

**Dimensions:** 440 (mm) x 90 (mm) x 215 (mm)  
**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid  
**Compressive strength:** Mean 3.6 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** NPD

**Dangerous Substances:** NPD

See Also 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 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

See Also Declaration of Performance DOP/SSHD1001103GR

## Declaration of Performance

DOP/SSHD1001103GR



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

- Unique identification code of the product type:

**Shield 100mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SSHD1001103GR
- 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**
- 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

- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**
- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024





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

See Also Declaration of Performance DOP/SSHD1151103GR

## Declaration of Performance

DOP/SSHD1151103GR



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

- Unique identification code of the product type:

**Shield 115mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). SSHD1151103GR

- 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**

- 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

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

- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024



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)
<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

See Also Declaration of Performance DOP/SSHD1251103GR

## Declaration of Performance

DOP/SSHD1251103GR



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

- Unique identification code of the product type:

**Shield 125mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SSHD1251103GR
- 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**
- 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
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**
- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024



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

See Also Declaration of Performance DOP/SSHD1401103GR

## Declaration of Performance

DOP/SSHD1401103GR



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

- Unique identification code of the product type:

**Shield 140mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SSHD1401103GR
- 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**
- 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

- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**
- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024

# Declaration of Performance

DOP/SSHD1501103GR



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)
<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

See Also Declaration of Performance DOP/SSHD1501103GR

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

- Unique identification code of the product type:

## Shield 150mm autoclaved aerated concrete masonry units

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). SSHD1501103GR

- 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**

- 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

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

- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024



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)
<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

See Also Declaration of Performance DOP/SSHD1901103GR

## Declaration of Performance

DOP/SSHD1901103GR



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

- Unique identification code of the product type:

**Shield 190mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SSHD1901103GR
- 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**
- 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

- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024



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

See Also Declaration of Performance DOP/SSHD2001103GR

## Declaration of Performance

DOP/SSHD2001103GR



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

- Unique identification code of the product type:

**Shield 200mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SSHD2001103GR
- 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**
- 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

- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**
- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024

Declaration of Performance  
DOP/SSHD1001203GR



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

Dimensions:	440 (mm) x 100 (mm) x 140 (mm)
Dimensional tolerances:	category: GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	Fixed Value: 5/10
Direct airborne sound insulation:	Gross density: 600 kg/m <sup>3</sup> Configuration: As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SSHD1001203GR

The performance of the product 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 GPLM (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>	
Flexural Bond Strength:	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw Dangerous Substances	NPD 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.

08 October 2024



Declaration of Performance  
DOP/SSHD1001403GR



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

Dimensions:	440 (mm) x 100 (mm) x 240 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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 GPLM (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		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SSHD1001403GR



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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	category: GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	Fixed Value: 5/10
Direct airborne sound insulation:	Gross density: 660 kg/m <sup>3</sup> Configuration: As Above
Thermal conductivity:	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SPWA1001104GR

## Declaration of Performance

DOP/SPWA1001104GR



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

- Unique identification code of the product type:

Party Wall 100mm autoclaved aerated concrete masonry units

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SPWA1001104GR
- 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**
- 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
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
System 4
- Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm GPLM (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>	
Flexural Bond Strength:	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	660 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw Dangerous Substances	NPD NPD	

- 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.

08 October 2024



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

Dimensions:	440 (mm) x 215 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SPWA2151104GR

## Declaration of Performance

DOP/SPWA2151104GR



The performance of the product 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
3. 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 GPLM (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		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	660 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

Declaration of Performance  
DOP/SHSB1002207GR



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

Dimensions:	215 (mm) x 100 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHSB1002207GR

Declaration of Performance  
DOP/SHST1401607GR



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

Dimensions:	530 (mm) x 440 (mm) x 145 (mm)
Dimensional tolerances:	category: GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	Fixed Value: 5/10
Direct airborne sound insulation:	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST1401607GR

The performance of the product 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/SHST1001107GR



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 100mm SHST1001107GR  
20

Hi-Strength 100mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST1001107GR

The performance of the product 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 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). 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024



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

Dimensions:	440 (mm) x 115 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST1151107GR

## Declaration of Performance

DOP/SHST1151107GR



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

- Unique identification code of the product type:

Hi-Strength 115mm autoclaved aerated concrete masonry units

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SHST1151107GR
- 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**
- 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

- 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 GPLM (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		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.

08 October 2024





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

See Also Declaration of Performance DOP/SHST1251107GR

## Declaration of Performance

DOP/SHST1251107GR



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

- Unique identification code of the product type:

#### Hi-Strength 125mm autoclaved aerated concrete masonry units

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SHST1251107GR
- 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**
- 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

- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.

08 October 2024

Declaration of Performance  
DOP/SHST1401107GR



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

Dimensions:	440 (mm) x 140 (mm) x 215 (mm)
Dimensional tolerances:	category: GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	Fixed Value: 5/10
Direct airborne sound insulation:	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST1401107GR

The performance of the product 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw Dangerous Substances	NPD 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.

08 October 2024



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)
<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

See Also Declaration of Performance DOP/SHST1501107GR

## Declaration of Performance

DOP/SHST1501107GR



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

- Unique identification code of the product type:

**Hi-Strength 150mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SHST1501107GR
- 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**
- 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
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**
- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024



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

See Also Declaration of Performance DOP/SHST1901107GR

## Declaration of Performance

DOP/SHST1901107GR



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

- Unique identification code of the product type:

**Hi-Strength 190mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SHST1901107GR
- 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**
- 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

- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**
- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024



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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST2001107GR

## Declaration of Performance

DOP/SHST2001107GR



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/SHST2151107GR



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

Dimensions:	440 (mm) x 215 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST2151107GR

The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024



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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SSPG1001104GR

## Declaration of Performance

DOP/SSPG1001104GR



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	660 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024





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

Dimensions:	440 (mm) x 140 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SSPG1401104GR

## Declaration of Performance

DOP/SSPG1401104GR



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	660 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024



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

Dimensions:	440 (mm) x 190 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SSPG1901104GR

## Declaration of Performance

DOP/SSPG1901104GR



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	660 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/SSPG2001104GR



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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	660 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	660 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.14 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

See Also Declaration of Performance DOP/SSPG2001104GR

Declaration of Performance  
DOP/SHSS1001107GR



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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHSS1001107GR

Declaration of Performance  
DOP/SHSS1401107GR



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

Dimensions:	440 (mm) x 140 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHSS1401107GR

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

Dimensions:	440 (mm) x 150 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

See Also Declaration of Performance DOP/SHSS1501107GR

Declaration of Performance  
DOP/SHSS1901107GR



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

Dimensions:	440 (mm) x 190 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHSS1901107GR



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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHSS2001107GR

Declaration of Performance  
DOP/SHSS2151107GR



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

Dimensions:	440 (mm) x 215 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

See Also Declaration of Performance DOP/SHSS2151107GR

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

Dimensions:	440 (mm) x 255 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/STRE2551103GR

The performance of the product 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		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

Declaration of Performance  
DOP/STRE2751103GR



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

Dimensions:	440 (mm) x 275 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

See Also Declaration of Performance DOP/STRE2751103GR

Declaration of Performance  
DOP/STRE3001103GR



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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/STRE3001103GR

The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/STRE3551103GR



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

Dimensions:	440 (mm) x 355 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/STRE3551103GR

The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024



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

See Also Declaration of Performance DOP/STRE275120GR

## Declaration of Performance

DOP/STRE275120GR



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024



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

Dimensions:	440 (mm) x 300 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit}$ , S2]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit}$ , S2]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

Declaration of Performance  
DOP/STTG2551103GR



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

Dimensions:	440 (mm) x 255 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/STTG2551103GR

Declaration of Performance  
DOP/STTG2751103GR



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

Dimensions:	440 (mm) x 275 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/STTG2751103GR

Declaration of Performance  
DOP/STTG3001103GR



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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/STTG3001103GR

Declaration of Performance  
DOP/STTG3551103GR



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

Dimensions:	440 (mm) x 355 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/STTG3551103GR



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

Dimensions:	440 (mm) x 255 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST2551107GR

## Declaration of Performance

DOP/SHST2551107GR



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/SHST2751107GR



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

Dimensions:	440 (mm) x 275 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST2751107GR

The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024



Declaration of Performance  
DOP/SHST3001107GR



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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

See Also Declaration of Performance DOP/SHST3001107GR



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

Dimensions:	440 (mm) x 355 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST3551107GR

## Declaration of Performance

DOP/SHST3551107GR



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

Declaration of Performance  
DOP/SHST2751207GR



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

Dimensions:	440 (mm) x 275 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHST2751207GR

Declaration of Performance  
DOP/SHST3001207GR



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

Dimensions:	440 (mm) x 300 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHST3001207GR



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

Dimensions:	440 (mm) x 355 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST3551207GR

## Declaration of Performance

DOP/SHST3551207GR



The performance of the product 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

3. 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

Declaration of Performance  
DOP/SHTG2551107GR



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

Dimensions:	440 (mm) x 255 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHTG2551107GR

Declaration of Performance  
DOP/SHTG2751107GR



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

Dimensions:	440 (mm) x 275 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHTG2751107GR



Declaration of Performance  
DOP/SHTG3001107GR



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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHTG3001107GR



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

Dimensions:	440 (mm) x 355 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHTG3551107GR

## Declaration of Performance

DOP/SHTG3551107GR



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/SHSB1001207GR



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

Dimensions:	440 (mm) x 100 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHSB1001207GR

Declaration of Performance  
DOP/SHSB1151207GR



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

Dimensions:	440 (mm) x 115 (mm) x 65 (mm)
Dimensional tolerances:	category: GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	Fixed Value: 5/10
Direct airborne sound insulation:	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHSB1151207GR

The performance of the product 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw Dangerous Substances	NPD 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.

08 October 2024

Declaration of Performance  
DOP/SHSB1401207GR



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

Dimensions:	440 (mm) x 140 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

See Also Declaration of Performance DOP/SHSB1401207GR



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

See Also Declaration of Performance DOP/SHSB1501207GR

## Declaration of Performance

DOP/SHSB1501207GR



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	EN 771-4: 2011 + A1:2015
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/SBRI1002203GR



The performance of the product 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [λ <sub>10,dry unit</sub> , S2]	
Durability Against Freeze Thaw Dangerous Substances	NPD 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.**

08 October 2024



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 [λ <sub>10,dry unit</sub> , S2]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

See Also Declaration of Performance DOP/SBRI1002203GR



Declaration of Performance  
DOP/SBRI1152203GR



The performance of the product 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw Dangerous Substances	NPD 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.**

08 October 2024



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

See Also Declaration of Performance DOP/SBRI1152203GR

Declaration of Performance  
DOP/SBRI1252203GR



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

Dimensions:	215 (mm) x 125 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SBRI1252203GR



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

BS EN 771-4:2011 + A1:2015

Bricks 140mm SBR11402203GR  
20

Bricks 140mm autoclaved aerated concrete masonry units

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

Dimensions:	215 (mm) x 140 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SBR11402203GR

## Declaration of Performance

DOP/SBR11402203GR



The performance of the product 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). SBR11402203GR

3. 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/SBRI1502203GR



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

Dimensions:	215 (mm) x 150 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SBRI1502203GR



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

See Also Declaration of Performance DOP/STUR1001102VO

## Declaration of Performance

DOP/STUR1001102VO



The performance of the product 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

3. 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

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

Dimensions:	440 (mm) x 130 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	470 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also 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

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

See Also Declaration of Performance DOP/SSHD0901103VO

## Declaration of Performance

DOP/SSHD0901103VO



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

- Unique identification code of the product type:

**Shield 90mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SSHD0901103VO
- 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**
- 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

- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**
- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024





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)
<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

See Also Declaration of Performance DOP/SSHD1001103VO

## Declaration of Performance

DOP/SSHD1001103VO



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

- Unique identification code of the product type:

**Shield 100mm autoclaved aerated concrete masonry units**

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).  
SSHD1001103VO
- 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**
- 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

- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 4**
- 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

- 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.**

08 October 2024

Declaration of Performance  
DOP/SHST1001107VO



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 100mm SHST1001107VO  
20

Hi-Strength 100mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST1001107VO

The performance of the product 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 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). 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024



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

Dimensions:	440 (mm) x 150 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHSS1501107VO

## Declaration of Performance

DOP/SHSS1501107VO



The performance of the product 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

3. 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

See Also 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

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

See Also Declaration of Performance DOP/STRE2551103VO

## Declaration of Performance

DOP/STRE2551103VO



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024



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

See Also Declaration of Performance DOP/STRE275120VO

## Declaration of Performance

DOP/STRE275120VO



The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024



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

**Dimensions:** 440 (mm) x 300 (mm) x 140 (mm)

**Dimensional tolerances:** GPLM (unless stated otherwise on the delivery ticket)  
category:

**Configuration:** Solid

**Compressive strength:** Mean 3.6 N/mm<sup>2</sup> [⊥ bed face, whole unit]. [Cat II]

**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m

**Shear Bond Strength:** Fixed value: 0.15 N/mm<sup>2</sup>

**Flexural Bond Strength:** NPD

**Reaction to fire:** Euroclass A1

**Water Absorption:** NPD

**Water vapour diffusion coefficient :** Fixed Value: 5/10

**Direct airborne sound insulation:** Gross density: 600 kg/m<sup>3</sup>  
Configuration: As Above

**Thermal conductivity:** 0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]

**Durability against freeze-thaw:** Resistant to Freeze Thaw

**Dangerous Substances:** NPD

## 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

See Also Declaration of Performance DOP/STRE300120VO



Declaration of Performance  
DOP/STTG2751103VO



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

Dimensions:	440 (mm) x 275 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/STTG2751103VO

Declaration of Performance  
DOP/STTG3001103VO



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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/STTG3001103VO

The performance of the product 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

Declaration of Performance  
DOP/SHST3001107VO



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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	category: GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	Fixed Value: 5/10
Direct airborne sound insulation:	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST3001107VO

The performance of the product 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024



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

Dimensions:	440 (mm) x 355 (mm) x 140 (mm)
Dimensional tolerances:	category: GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	Fixed Value: 5/10
Direct airborne sound insulation:	Gross density: 730 kg/m <sup>3</sup> Configuration: As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/SHST3551207VO

## Declaration of Performance

DOP/SHST3551207VO



The performance of the product 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

3. 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	
Shear Bond Strength Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	Commission Decision 2000/605/EC
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability Fixed Value:	5/10	
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m <sup>3</sup> As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

Declaration of Performance  
DOP/SHTG3001107VO



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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHTG3001107VO

Declaration of Performance  
DOP/SHSB1001307GR



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

BS EN 771-4:2011 + A1:2015

140mm High Coursing Block 7.3N SHSB1001307GR  
24

140mm High Coursing Block 7.3N autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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:

140mm High Coursing Block 7.3N 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). SHSB1001307GR

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 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		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SHSB1001307GR

Declaration of Performance  
DOP/SSCB1001336GR



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

BS EN 771-4:2011 + A1:2015

140mm High Coursing Block 3.6N SSCB1001336GR  
24

140mm High Coursing Block 3.6N autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	600 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	NPD
Dangerous Substances:	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:

140mm High Coursing Block 3.6N 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). SSCB1001336GR

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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

A C Cuthbert,  
Quality Control Manager  
Place of Signing: Northampton, UK.

08 October 2024

See Also Declaration of Performance DOP/SSCB1001336GR



Declaration of Performance  
DOP/STTG3001107GR



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

BS EN 771-4:2011 + A1:2015

Trenchblock T&G 300MM High Density STTG3001107GR  
24

Trenchblock T&G 300MM High Density autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm <sup>2</sup> [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm <sup>2</sup>
Flexural Bond Strength:	NPD
Reaction to fire:	Euroclass A1
Water Absorption:	NPD
Water vapour diffusion coefficient :	
Fixed Value:	5/10
Direct airborne sound insulation:	
Gross density:	730 kg/m <sup>3</sup>
Configuration:	As Above
Thermal conductivity:	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
Durability against freeze-thaw:	Resistant to Freeze Thaw
Dangerous Substances:	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 High Density 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). STTG3001107GR

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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024

See Also Declaration of Performance DOP/STTG3001107GR



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

BS EN 771-4:2011 + A1:2015

Shield 100mm High Density SSHD1001107GR  
24

**Shield 100mm High Density 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:	730 kg/m <sup>3</sup>
Configuration:	As Above
<b>Thermal conductivity:</b>	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]
<b>Durability against freeze-thaw:</b>	NPD
<b>Dangerous Substances:</b>	NPD

See Also Declaration of Performance DOP/SSHD1001107GR

## Declaration of Performance

DOP/SSHD1001107GR



The performance of the product 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 High Density 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).  
SSHD1001107GR
3. 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	
Shear Bond Strength		Commission Decision 2000/605/EC
Fixed value:	0.15 N/mm <sup>2</sup>	
<b>Flexural Bond Strength:</b>	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		EN 771-4: 2011 + A1:2015
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m <sup>3</sup>	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [ $\lambda_{10, dry unit, S2}$ ]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

08 October 2024