

Declaration of Performance

DOP/5057595034106



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

BS EN 771-4:2011 + A1:2015

**Turbo 100mm STUR1001102GR
20**

Turbo 100mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ Configuration: As Above
Thermal conductivity:	0.10 W/m.K [λ _{10,dry unit, S2}]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/5057595034106

The performance of the product identified above is in conformity with the declared 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation	Gross density: 470 kg/m ³ Configuration: As above	
Equivalent Thermal Conductivity	0.10 W/m.K [λ _{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.

22 July 2021

Declaration of Performance

DOP/5057595034113



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

BS EN 771-4:2011 + A1:2015

**Turbo 115mm STUR1151102GR
20**

Turbo 115mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 115 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 115mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 115 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	470 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034113

Declaration of Performance

DOP/5057595034120



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

BS EN 771-4:2011 + A1:2015

**Turbo 125mm STUR1251102GR
20**

Turbo 125mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 125 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 125mm autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). STUR1251102GR

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 125 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	470 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034120

Declaration of Performance

DOP/STUR1301102GR



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

BS EN 771-4:2011 + A1:2015

**Turbo 130mm STUR1301102GR
20**

Turbo 130mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 130 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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). 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	470 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/STUR1301102GR

Declaration of Performance

DOP/5057595034137



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

BS EN 771-4:2011 + A1:2015

**Turbo 140mm STUR1401102GR
20**

Turbo 140mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 140 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	470 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034137

Declaration of Performance

DOP/5057595034144



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

BS EN 771-4:2011 + A1:2015

**Turbo 150mm STUR1501102GR
20**

Turbo 150mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 150 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	470 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034144

Declaration of Performance

DOP/5057595034151



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

BS EN 771-4:2011 + A1:2015

**Turbo 190mm STUR1901102GR
20**

Turbo 190mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 190 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 190mm autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). STUR1901102GR

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 190 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	470 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034151

Declaration of Performance

DOP/5057595034168



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

BS EN 771-4:2011 + A1:2015

**Turbo 200mm STUR2001102GR
20**

Turbo 200mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	470 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034168

Declaration of Performance

DOP/5057595034175



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

BS EN 771-4:2011 + A1:2015

**Turbo 215mm STUR2151102GR
20**

Turbo 215mm autoclaved aerated concrete masonry units

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

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

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034175

Declaration of Performance

DOP/5057595034182



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

BS EN 771-4:2011 + A1:2015

**Turbo 265mm STUR2651102GR
20**

Turbo 265mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 265 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	470 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034182

Declaration of Performance

DOP/5057595034199



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

BS EN 771-4:2011 + A1:2015

**Turbo 300mm STUR3001102GR
20**

Turbo 300mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	470 kg/m ³	EN 771-4: 2011 + A1:2015
Configuration:	As above	
Equivalent Thermal Conductivity	0.10 W/m.K [$\lambda_{10,dry,unit}, S2$]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034199

Declaration of Performance

DOP/5057595034212



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

BS EN 771-4:2011 + A1:2015

Shield 50mm SSHD0501103GR
20

Shield 50mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 50 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034212

Declaration of Performance

DOP/5057595034229



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

BS EN 771-4:2011 + A1:2015

Shield 75mm SSHD0751103GR
20

Shield 75mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 75 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation		
Gross density:	600 kg/m ³	
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034229

Declaration of Performance

DOP/SSHD0901103GR



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

BS EN 771-4:2011 + A1:2015

Shield 90mm SSHD0901103GR
20

Shield 90mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 90 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/SSHD0901103GR

Declaration of Performance

DOP/5057595034236



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

BS EN 771-4:2011 + A1:2015

Shield 100mm SSHD1001103GR
20

Shield 100mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 100mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m ³	EN 771-4: 2011 + A1:2015
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [$\lambda_{10,dry,unit}$, S2]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034236

Declaration of Performance

DOP/5057595036292



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

BS EN 771-4:2011 + A1:2015

Shield 115mm SSHD1151103GR
20

Shield 115mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 115 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 115mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 115 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595036292

Declaration of Performance

DOP/5057595034243



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

BS EN 771-4:2011 + A1:2015

Shield 125mm SSHD1251103GR
20

Shield 125mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 125 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 125mm autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). SSHD1251103GR

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 125 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034243

Declaration of Performance

DOP/5057595034250



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

BS EN 771-4:2011 + A1:2015

Shield 140mm SSHD1401103GR
20

Shield 140mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 140 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ Configuration: As Above
Thermal conductivity:	0.13 W/m.K [λ _{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 140mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 140 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation	Gross density: 600 kg/m ³ Configuration: As above	
Equivalent Thermal Conductivity	0.13 W/m.K [λ _{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.

22 July 2021

See Also Declaration of Performance DOP/5057595034250

Declaration of Performance

DOP/5057595034267



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

BS EN 771-4:2011 + A1:2015

Shield 150mm SSHD1501103GR
20

Shield 150mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 150 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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/5057595034267

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

1. Unique identification code of the product type:

Shield 150mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation	Gross density: 600 kg/m ³ 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.

22 July 2021

Declaration of Performance

DOP/5057595034274



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

BS EN 771-4:2011 + A1:2015

Shield 190mm SSHD1901103GR
20

Shield 190mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 190 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ Configuration: As Above
Thermal conductivity:	0.13 W/m.K [λ _{10,dry unit, S2}]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/5057595034274

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

1. Unique identification code of the product type:

Shield 190mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 190 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation	Gross density: 600 kg/m ³ Configuration: As above	
Equivalent Thermal Conductivity	0.13 W/m.K [λ _{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.

22 July 2021

Declaration of Performance

DOP/5057595034281



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

BS EN 771-4:2011 + A1:2015

Shield 200mm SSHD2001103GR
20

Shield 200mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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 200mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 200 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation	Gross density: 600 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034281

Declaration of Performance

DOP/5057595034045



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

BS EN 771-4:2011 + A1:2015

Shield 100 x 440 x 140mm SSHD1001203GR
20

Shield 100 x 440 x 140mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	600 kg/m ³	EN 771-4: 2011 + A1:2015
Configuration:	As above	
Equivalent Thermal Conductivity	0.13 W/m.K [$\lambda_{10, dry unit, S2}$]	
Durability Against Freeze Thaw	NPD	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034045

Declaration of Performance

DOP/5057595034786



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

BS EN 771-4:2011 + A1:2015

Shield 100 x 440 x 430mm SSHD1001403GR
20

Shield 100 x 440 x 430mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 240 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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 ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034786

Declaration of Performance

DOP/5057595034397



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

BS EN 771-4:2011 + A1:2015

Party Wall 100mm SPWA1001104GR
20

Party Wall 100mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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:

Party Wall 100mm autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). SPWA1001104GR

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.0 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	660 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034397

Declaration of Performance

DOP/5057595034403



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

BS EN 771-4:2011 + A1:2015

Party Wall 215mm SPWA2151104GR
20

Party Wall 215mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 215 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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:

Party Wall 215mm autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). SPWA2151104GR

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 215 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.0 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	660 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034403

Declaration of Performance

DOP/5057595033987



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Brick 100mm SHSB1002207GR
20**

Hi-Strength Brick 100mm autoclaved aerated concrete masonry units

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

Dimensions:	215 (mm) x 100 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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/5057595033987

The performance of the product identified above is in conformity with the declared 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

Declaration of Performance

DOP/5057595034847



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 140mm SHST1401607GR
20

Hi-Strength 140mm autoclaved aerated concrete masonry units

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

Dimensions:	530 (mm) x 440 (mm) x 145 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034847

Declaration of Performance

DOP/5057595034519



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 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)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034519

Declaration of Performance

DOP/5057595034526



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 115mm SHST1151107GR
20

Hi-Strength 115mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 115 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 115mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 115 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ 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 ²	
Flexural Bond Strength:	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: Configuration:	730 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034526

Declaration of Performance

DOP/5057595034533



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 125mm SHST1251107GR
20

Hi-Strength 125mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 125 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 125mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 125 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ 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 ²	
Flexural Bond Strength:	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: Configuration:	730 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034533

Declaration of Performance

DOP/5057595034540



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 140mm SHST1401107GR
20

Hi-Strength 140mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 140 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034540

Declaration of Performance

DOP/5057595034557



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 150mm SHST1501107GR
20

Hi-Strength 150mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 150 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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/5057595034557

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

1. Unique identification code of the product type:

Hi-Strength 150mm autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). SHST1501107GR

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation	Gross density: 730 kg/m ³ 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.

22 July 2021

Declaration of Performance

DOP/5057595034564



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 190mm SHST1901107GR
20

Hi-Strength 190mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 190 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ Configuration: As Above
Thermal conductivity:	0.16 W/m.K [λ _{10,dry unit, S2}]
Durability against freeze-thaw:	NPD
Dangerous Substances:	NPD

See Also Declaration of Performance DOP/5057595034564

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

1. Unique identification code of the product type:

Hi-Strength 190mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 190 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation	Gross density: 730 kg/m ³ Configuration: As above	
Equivalent Thermal Conductivity	0.16 W/m.K [λ _{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.

22 July 2021

Declaration of Performance

DOP/5057595034571



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 200mm SHST2001107GR
20

Hi-Strength 200mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034571

Declaration of Performance

DOP/5057595034588



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 215mm SHST2151107GR
20

Hi-Strength 215mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 215 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034588

Declaration of Performance

DOP/5057595034427



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

BS EN 771-4:2011 + A1:2015

Paint Grade Smooth 100mm SSPG1001104GR
20

Paint Grade Smooth 100mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ Configuration: As Above
Thermal conductivity:	0.14 W/m.K [λ _{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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.0 N/mm ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation	Gross density: 660 kg/m ³ Configuration: As above	
Equivalent Thermal Conductivity	0.14 W/m.K [λ _{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.

22 July 2021

See Also Declaration of Performance DOP/5057595034427

Declaration of Performance

DOP/5057595034434



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

BS EN 771-4:2011 + A1:2015

Paint Grade 140mm SSPG1401104GR
20

Paint Grade 140mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 140 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.0 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation		
Gross density:	660 kg/m ³	
Configuration:	As above	
Equivalent Thermal Conductivity	0.14 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034434

Declaration of Performance

DOP/5057595034441



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

BS EN 771-4:2011 + A1:2015

Paint Grade 190mm SSPG1901104GR
20

Paint Grade 190mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 190 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.0 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	660 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034441

Declaration of Performance

DOP/5057595034458



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

BS EN 771-4:2011 + A1:2015

Paint Grade 200mm SSPG2001104GR
20

Paint Grade 200mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 4.0 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 4.0 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	660 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034458

Declaration of Performance

DOP/5057595034472



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Paint Grade 100mm SHSS1001107GR
20**

Hi-Strength Paint Grade 100mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
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:	730 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034472

Declaration of Performance

DOP/5057595034489



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Paint Grade 140mm SHSS1401107GR
20**

Hi-Strength Paint Grade 140mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 140 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034489

Declaration of Performance

DOP/SHSS1501107GR



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Paint Grade 150mm SHSS1501107GR
20**

Hi-Strength Paint Grade 150mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 150 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/SHSS1501107GR

Declaration of Performance

DOP/5057595034496



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Paint Grade 190mm SHSS1901107GR
20**

Hi-Strength Paint Grade 190mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 190 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ 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 ²	
Flexural Bond Strength:	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: Configuration:	730 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034496

Declaration of Performance

DOP/SHSS2001107GR



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Paint Grade 200mm SHSS2001107GR
20**

Hi-Strength Paint Grade 200mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
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:	730 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/SHSS2001107GR

Declaration of Performance

DOP/5057595034502



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Paint Grade 215mm SHSS2151107GR
20**

Hi-Strength Paint Grade 215mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 215 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
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:	730 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034502

Declaration of Performance

DOP/STRE2551103GR



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 255mm STRE2551103GR
20**

Trenchblock 255mm autoclaved aerated concrete masonry units

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

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

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/STRE2551103GR

Declaration of Performance

DOP/5057595034298



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 275mm STRE2751103GR
20**

Trenchblock 275mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 275 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034298

Declaration of Performance

DOP/5057595034304



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 300mm STRE3001103GR
20**

Trenchblock 300mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation	Gross density: 600 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034304

Declaration of Performance

DOP/5057595034311



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 355mm STRE3551103GR
20**

Trenchblock 355mm autoclaved aerated concrete masonry units

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

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

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034311

Declaration of Performance

DOP/STRE275120GR



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 275mm STRE275120GR
20**

Trenchblock 275mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 275 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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/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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation		
Gross density: Configuration:	600 kg/m ³ 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.

22 July 2021

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)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

Declaration of Performance

DOP/5057595034328



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

BS EN 771-4:2011 + A1:2015

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

Trenchblock T&G 255mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 255 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034328

Declaration of Performance

DOP/5057595034335



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

BS EN 771-4:2011 + A1:2015

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

Trenchblock T&G 275mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 275 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034335

Declaration of Performance

DOP/5057595034342



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

BS EN 771-4:2011 + A1:2015

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

Trenchblock T&G 300mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation	Gross density: 600 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034342

Declaration of Performance

DOP/5057595034359



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

BS EN 771-4:2011 + A1:2015

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

Trenchblock T&G 355mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 355 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034359

Declaration of Performance

DOP/5057595034595



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 255mm SHST2551107GR
20

Hi-Strength Trench 255mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 255 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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/5057595034595

The performance of the product identified above is in conformity with the declared 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m ³	EN 771-4: 2011 + A1:2015
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [$\lambda_{10, dry unit, S2}$]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

Declaration of Performance

DOP/5057595034601



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 275mm SHST2751107GR
20

Hi-Strength Trench 275mm autoclaved aerated concrete masonry units

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

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

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034601

Declaration of Performance

DOP/5057595034618



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Trench 300mm SHST3001107GR
20**

Hi-Strength Trench 300mm autoclaved aerated concrete masonry units

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

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

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034618

Declaration of Performance

DOP/5057595034632



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 355mm SHST3551107GR
20

Hi-Strength Trench 355mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 355 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [$\lambda_{10, dry unit, S2}$]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	NPD
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034632

Declaration of Performance

DOP/5057595034083



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Trench 140 x 275mm SHST2751207GR
20**

Hi-Strength Trench 140 x 275mm autoclaved aerated concrete masonry units

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

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

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034083

Declaration of Performance

DOP/5057595034090



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

BS EN 771-4:2011 + A1:2015

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

Hi-Strength Trench 140 x 300mm autoclaved aerated concrete masonry units

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

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

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034090

Declaration of Performance

DOP/SHST3551207GR



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 140 x 355mm SHST3551207GR
20

Hi-Strength Trench 140 x 355mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 355 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 355mm autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). SHST3551207GR

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 355 x 140 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [$\lambda_{10, dry unit, S2}$]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	NPD
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/SHST3551207GR

Declaration of Performance

DOP/5057595034649



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength T&G 255mm SHTG2551107GR
20**

Hi-Strength T&G 255mm autoclaved aerated concrete masonry units

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

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

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034649

Declaration of Performance

DOP/5057595034656



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength T&G 275mm SHTG2751107GR
20**

Hi-Strength T&G 275mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 275 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034656

Declaration of Performance

DOP/5057595034663



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength T&G 300mm SHTG3001107GR
20**

Hi-Strength T&G 300mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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/5057595034663

The performance of the product identified above is in conformity with the declared 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation Gross density: Configuration:	730 kg/m ³ 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.

22 July 2021

Declaration of Performance

DOP/5057595034687



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

BS EN 771-4:2011 + A1:2015

Hi-Strength T&G 355mm SHTG3551107GR
20

Hi-Strength T&G 355mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 355 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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/5057595034687

The performance of the product identified above is in conformity with the declared 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m ³ 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.

22 July 2021

Declaration of Performance

DOP/5057595034809



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

BS EN 771-4:2011 + A1:2015

H/S Coursing Block 100mm SHSB1001207GR
20

H/S Coursing Block 100mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034809

Declaration of Performance

DOP/5057595036278



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

BS EN 771-4:2011 + A1:2015

H/S Coursing Block 115mm SHSB1151207GR
20

H/S Coursing Block 115mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 115 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595036278

Declaration of Performance

DOP/5057595034816



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

BS EN 771-4:2011 + A1:2015

H/S Coursing Block 140mm SHSB1401207GR
20

H/S Coursing Block 140mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 140 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595034816

Declaration of Performance

DOP/5057595036285



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

BS EN 771-4:2011 + A1:2015

H/S Coursing Block 150mm SHSB1501207GR
20

H/S Coursing Block 150mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 150 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595036285

Declaration of Performance

DOP/5057595033932



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

BS EN 771-4:2011 + A1:2015

Bricks 100mm SBRI1002203GR
20

Bricks 100mm autoclaved aerated concrete masonry units

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

Dimensions:	215 (mm) x 100 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595033932

Declaration of Performance

DOP/5057595033949



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

BS EN 771-4:2011 + A1:2015

Bricks 115mm SBRI1152203GR
20

Bricks 115mm autoclaved aerated concrete masonry units

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

Dimensions:	215 (mm) x 115 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595033949

Declaration of Performance

DOP/5057595033956



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

BS EN 771-4:2011 + A1:2015

Bricks 125mm SBRI1252203GR
20

Bricks 125mm autoclaved aerated concrete masonry units

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

Dimensions:	215 (mm) x 125 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595033956

Declaration of Performance

DOP/5057595033963



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

BS EN 771-4:2011 + A1:2015

Bricks 140mm SBRI1402203GR
20

Bricks 140mm autoclaved aerated concrete masonry units

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

Dimensions:	215 (mm) x 140 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 140mm autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). SBRI1402203GR

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	215 x 140 x 65 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595033963

Declaration of Performance

DOP/5057595033970



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

BS EN 771-4:2011 + A1:2015

Bricks 150mm SBRI1502203GR
20

Bricks 150mm autoclaved aerated concrete masonry units

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

Dimensions:	215 (mm) x 150 (mm) x 65 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/5057595033970

Declaration of Performance

DOP/5057595034205



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

BS EN 771-4:2011 + A1:2015

**Turbo 100mm STUR1001102VO
20**

Turbo 100mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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). STUR1001102VO

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [± 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 ²	
Flexural Bond Strength:	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: Configuration:	470 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034205

Declaration of Performance

DOP/STUR1301102VO



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

BS EN 771-4:2011 + A1:2015

**Turbo 130mm STUR1301102VO
20**

Turbo 130mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 130 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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/STUR1301102VO

The performance of the product identified above is in conformity with the declared 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 2.9 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	470 kg/m ³	
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.

22 July 2021

Declaration of Performance

DOP/SSHD0901103VO



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

BS EN 771-4:2011 + A1:2015

Shield 90mm SSHD0901103VO
20

Shield 90mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 90 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 90mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 90 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	600 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/SSHD0901103VO

Declaration of Performance

DOP/5057595034366



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

BS EN 771-4:2011 + A1:2015

Shield 100mm SSHD1001103VO
20

Shield 100mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 100 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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 100mm autoclaved aerated concrete masonry units

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

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 100 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034366

Declaration of Performance

DOP/5057595034694



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

BS EN 771-4:2011 + A1:2015

Hi-Strength 100mm SHST1001107V0
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)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 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). SHST1001107V0

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

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

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

4. System or systems of assessment and verification of constancy of performance of 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ 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 ²	
Flexural Bond Strength:	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: Configuration:	730 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034694

Declaration of Performance

DOP/SHSS1501107VO



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

BS EN 771-4:2011 + A1:2015

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

Hi-Strength Paint Grade 150mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 150 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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). SHSS1501107VO

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 150 x 215 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/SHSS1501107VO

Declaration of Performance

DOP/SHSS2001107VO



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Paint Grade 200mm SHSS2001107VO
20**

Hi-Strength Paint Grade 200mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 200 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	EN 771-4: 2011 + A1:2015
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation		
Gross density:	730 kg/m ³	
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.

22 July 2021

See Also Declaration of Performance DOP/SHSS2001107VO

Declaration of Performance

DOP/STRE2551103VO



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 255mm STRE2551103VO
20**

Trenchblock 255mm autoclaved aerated concrete masonry units

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

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

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/STRE2551103VO

Declaration of Performance

DOP/STRE275120VO



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 275mm STRE275120VO
20**

Trenchblock 275mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 275 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	Moisture Movement: Nominal 0.50 mm/m
Shear Bond Strength:	Fixed value: 0.15 N/mm ²
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 ³ 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/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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation Gross density: Configuration:	600 kg/m ³ 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.

22 July 2021

Declaration of Performance

DOP/STRE300120VO



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

BS EN 771-4:2011 + A1:2015

**Trenchblock 300mm STRE300120VO
20**

Trenchblock 300mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 300 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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/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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	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: Configuration:	600 kg/m ³ 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.

22 July 2021

Declaration of Performance

DOP/5057595034373



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

BS EN 771-4:2011 + A1:2015

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

Trenchblock T&G 275mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 275 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 3.6 N/mm ² [± bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
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 ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034373

Declaration of Performance

DOP/5057595034380



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

BS EN 771-4:2011 + A1:2015

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

Trenchblock T&G 300mm autoclaved aerated concrete masonry units

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

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

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/5057595034380

Declaration of Performance

DOP/5057595034625



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

BS EN 771-4:2011 + A1:2015

Hi-Strength Trench 300mm SHST3001107VO
20

Hi-Strength Trench 300mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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/5057595034625

The performance of the product identified above is in conformity with the declared 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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	EN 771-4: 2011 + A1:2015
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	Commission Decision 2000/605/EC
Water Absorption	NPD	EN 771-4: 2011 + A1:2015
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		
Gross density:	730 kg/m ³	EN 771-4: 2011 + A1:2015
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [$\lambda_{10, dry unit, S2}$]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

Declaration of Performance

DOP/SHST3551207VO



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

BS EN 771-4:2011 + A1:2015

**Hi-Strength Trench 140 x 355mm SHST3551207VO
20**

Hi-Strength Trench 140 x 355mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 355 (mm) x 140 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 355mm autoclaved aerated concrete masonry units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). SHST3551207VO

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

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

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

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

5. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerance	440 x 355 x 140 mm GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability		
Moisture Movement:	Nominal 0.50 mm/m	Commission Decision 2000/605/EC
Shear Bond Strength		
Fixed value:	0.15 N/mm ²	
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	EN 771-4: 2011 + A1:2015
Water Absorption	NPD	
Water Vapour Permeability		
Fixed Value:	5/10	
Direct Airborne Sound Insulation		EN 771-4: 2011 + A1:2015
Gross density:	730 kg/m ³	
Configuration:	As above	
Equivalent Thermal Conductivity	0.16 W/m.K [$\lambda_{10, dry unit, S2}$]	
Durability Against Freeze Thaw	Resistant to Freeze Thaw	NPD
Dangerous Substances	NPD	

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

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

Signed for and on behalf of the manufacturer by:

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

22 July 2021

See Also Declaration of Performance DOP/SHST3551207VO

Declaration of Performance

DOP/5057595034670



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

BS EN 771-4:2011 + A1:2015

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

Hi-Strength T&G 300mm autoclaved aerated concrete masonry units

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

Dimensions:	440 (mm) x 300 (mm) x 215 (mm)
Dimensional tolerances:	GPLM (unless stated otherwise on the delivery ticket)
	category: Solid
Configuration:	Solid
Compressive strength:	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]
Dimension Stability:	
Moisture Movement:	Nominal 0.50 mm/m
Shear Bond Strength:	
Fixed value:	0.15 N/mm ²
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 ³
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 GPLM (unless stated otherwise on the delivery ticket)	EN 771-4: 2011 + A1:2015
Configuration	Solid	
Compressive Strength	Mean 7.3 N/mm ² [⊥ bed face, whole unit]. [Cat II]	
Dimensional Stability Moisture Movement:	Nominal 0.50 mm/m	
Shear Bond Strength Fixed value:	0.15 N/mm ²	Commission Decision 2000/605/EC
Flexural Bond Strength:	NPD	
Reaction to Fire	Euroclass A1	
Water Absorption	NPD	
Water Vapour Permeability Fixed Value:	5/10	EN 771-4: 2011 + A1:2015
Direct Airborne Sound Insulation		
Gross density: Configuration:	730 kg/m ³ 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.

22 July 2021

See Also Declaration of Performance DOP/5057595034670