



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

1333
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1333-CPR-00199

BS EN 1858:2008 + A1:2011

FORTERRA RED BANK
RF CAST CONCRETE FLUE BLOCK -(RFCFB)
(TYPE B FLUE BLOCK)

T250 N2 D 1 O (50)

Flow resistance:	Mean roughness:	0.003 m
Thermal resistance:		0.121 m ² K/W
Compressive strength:	Declared structural height	14 m
Durability:	Abrasion	1.64 kg/m ²
	Freeze / Thaw resistance:	NPD
Reaction to fire:		A1
Resistance to fire, external to external:		NPD
Dangerous Substances:		See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1858:2008 + A1:2011.

See Also Declaration of Performance DOP/FBP/RFCFB

Declaration of Performance

DOP/FBP/RFCFB

The undersigned, representing the following:

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

Confirms that:

RF CAST CONCRETE FLUE BLOCK (TYPE B FLUE BLOCK) - (RFCFB)

Manufacturing Plant: FORTERRA RED BANK

Conforms to the Harmonised European Standard: **BS EN 1858:2008 + A1:2011**

T250 N2 D 1 O (50)

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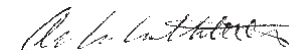
Provision to which the product conforms: Standard: Annex ZA of BS EN 1858:2008 + A1:2011.
System 2+
Regulation (EU) No. 305/2011

Full product designation:	Type B flue block T250 N2 D 1 O (50)
Gas tightness:	Declared pressure class: N2
Flow resistance:	Mean roughness: 0.003 m (default value)
Thermal resistance:	0.121 m ² K/W
Resistance to fire:	Classification: O (not sootfire resistant)
Resistance to fire, external to external:	NPD
Reaction to fire:	A1
Compressive strength:	Declared structural height: 14 m
Flexural strength under wind loading:	Declared maximum unsupported height: 225 mm
Durability:	Condensate resistance: NPD (Designation D)
	Corrosion resistance: NPD (Designation D)
	Freeze / Thaw resistance: NPD
	Abrasion resistance: 1.64 kg/m ²
Dangerous Substances:	See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1858:2008 + A1:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager
Place of issue: Northampton

Date: 22 December 2020



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

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BS EN 1857:2010
FORTERRA RED BANK
RM CAST CONCRETE FLUE LINER - (RMCCF)

A2
(T600 N2 G D 3 (100))

Flow resistance:	Mean roughness:	0.003 m
Reaction to fire:		A1
Thermal resistance:		0.1448 m ² K/W
Compressive strength:	Declared structural height	14 m
Durability:	Freeze / Thaw resistance:	NPD
Dangerous Substances:		See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1857:2010.

See Also Declaration of Performance DOP/FBP/RMCCF

Declaration of Performance DOP/FBP/RMCCF

The undersigned, representing the following:

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

Confirms that:

RM CAST CONCRETE FLUE LINER - (RMCCF)

Manufacturing Plant: FORTERRA RED BANK

Conforms to the Harmonised European Standard: **BS EN 1857:2010**

A2

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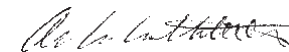
Provision to which the product conforms: Annex ZA of BS EN 1857:2010, System 2+
Regulation (EU) No. 305/2011

Full product designation:	T600 N2 G D 3 (100)
Gas tightness:	Declared pressure class: N2
Flow resistance:	Mean roughness: 0.003 m (default value)
Thermal resistance:	0.1448 m ² K/W
Resistance to fire:	Classification: G (sootfire resistant)
Reaction to fire:	A1
Compressive strength:	Declared structural height 14 m
Durability:	Condensate resistance: NPD (Designation D)
	Corrosion resistance: NPD (Designation D)
	Abrasion resistance: 1.6kg/m ²
	Freeze / Thaw resistance: NPD
Dangerous Substances:	See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1857:2010.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager
Place of issue: Northampton

Date: 22 December 2020



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

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1333-CPR-00199

BS EN 1457-1:2012

FORTERRA RED BANK
CLAY/CERAMIC FLUE LINER - (CLAYFL)

A1N2

Flow resistance:	Mean roughness:	0.0015 m
Resistance to fire:		G(100)
Compressive strength:		10 MN/m ²
Thermal resistance:		0.0909 m ² K/W
Durability:	Corrosion resistance:	5%
	Freeze / Thaw resistance:	NPD
	Abrasion resistance:	0.03 kg/m ²

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1457-1:2012.

See Also Declaration of Performance DOP/FBP/CLAYFL

Declaration of Performance DOP/FBP/CLAYFL

The undersigned, representing the following:

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

Confirms that:

CLAY/CERAMIC FLUE LINER - (CLAYFL)

Manufacturing Plant: FORTERRA RED BANK

Conforms to the Harmonised European Standard: **BS EN 1457-1:2012**

A1N2

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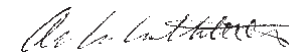
Provision to which the product conforms: Standard: Annex ZA of BS EN 1457-1:2012, System 2+ Regulation (EU) No. 305/2011

Full product designation:	T600 N2 G D 3 (100)
Gas tightness:	Declared pressure class: N2
Flow resistance:	Mean roughness: 0.0015 m
Resistance to fire:	Classification: G (sootfire resistant)
Compressive strength:	10 MN/m ²
Thermal resistance:	0.0909 m ² K/W
Durability:	Corrosion resistance: 5%
	Freeze / Thaw resistance: NPD
	Abrasion resistance: 0.03 kg/m ²
Dangerous Substances:	See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1457-1:2012.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager
Place of issue: Northampton

Date: 22 December 2020



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

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BS EN 13502:2002

**FORTERRA RED BANK
CLAY/CERAMIC FLUE TERMINALS
OPEN-TOPPED TERMINALS – (CFTO)**

Flow resistance: Flow resistance factor: 1.0

Durability: Freeze / Thaw resistance: PASS (spray method)

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 13502:2002.

See Also Declaration of Performance DOP/FBP/CFTO

Declaration of Performance

DOP/FBP/CFTO

The undersigned, representing the following:

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

Confirms that:

**CLAY/CERAMIC FLUE TERMINALS
OPEN-TOPPED TERMINALS – (CFTO)**

Manufacturing Plant: FORTERRA RED BANK

Conforms to the Harmonised European Standard: **BS EN 13502:2002**

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Provision to which the product conforms: Annex ZA of BS EN 13502:2002. System 4 Regulation (EU) No. 305/2011

Flow resistance: Flow resistance factor: 1.0

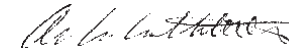
Durability: Freeze / Thaw resistance: PASS (spray method)

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 13502:2002.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager
Place of issue: Northampton

Date: 22 December 2020



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

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BS EN 1858:2008 + A1:2011

FORTERRA RED BANK
RF PRESSED CONCRETE FLUE BLOCK - (RFPFB)
(TYPE B FLUE BLOCK)

T250 N2 D 1 O (50)

Flow resistance:	Mean roughness:	0.003 m
Thermal resistance:		0.037 m ² K/W
Compressive strength:	Declared structural height	14 m
Durability:	Abrasion	1.96 kg/m ²
	Freeze / Thaw resistance:	NPD
Reaction to fire:		A1
Resistance to fire, external to external:		NPD
Dangerous Substances:		See Note
Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1858:2008 + A1:2011.		

See Also Declaration of Performance DOP/FBP/RFPFB

Declaration of Performance

DOP/FBP/RFPFB

The undersigned, representing the following:

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

Confirms that:

RF PRESSED CONCRETE FLUE BLOCK - (RFPFB)
(TYPE B FLUE BLOCK)

Manufacturing Plant: FORTERRA RED BANK

Conforms to the Harmonised European Standard: **BS EN 1858:2008 + A1:2011**

T250 N2 D 1 O (50)

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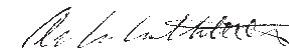
Provision to which the product conforms: Standard: Annex ZA of BS EN 1858:2008 + A1:2011.
System 2+
Regulation (EU) No. 305/2011

Full product designation:	Type B flue block T250 N2 D 1 O (50)
Gas tightness:	Declared pressure class: N2
Flow resistance:	Mean roughness: 0.003 m (default value)
Thermal resistance:	0.037 m ² K/W
Resistance to fire:	Classification: O (not sootfire resistant)
Resistance to fire, external to external:	NPD
Reaction to fire:	A1
Compressive strength:	Declared structural height: 14 m
Flexural strength under wind loading:	Declared maximum unsupported height: 225 mm
Durability:	Condensate resistance: NPD (Designation D) Corrosion resistance: NPD (Designation D) Freeze / Thaw resistance: NPD Abrasion resistance: 1.96 kg/m ²
Dangerous Substances:	See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1858:2008 + A1:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager
Place of issue: Northampton

Date: 22 December 2020



Forterra Building Products Limited
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BS EN 1857:2010
FORTERRA RED BANK
RM PRESSED CONCRETE FLUE LINER - (RMPCF)

A2
(T600 N2 G D 3 (100))

Flow resistance:	Mean roughness:	0.003 m
Reaction to fire:		A1
Thermal resistance:		0.0757 m ² K/W
Compressive strength:	Declared structural height	14 m
Durability:	Freeze / Thaw resistance:	NPD
Dangerous Substances:		See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1857:2010.

See Also Declaration of Performance DOP/FBP/RMPCF

Declaration of Performance

DOP/FBP/RMPCF

The undersigned, representing the following:

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

Confirms that:

RM PRESSED CONCRETE FLUE LINER - (RMPCF)

Manufacturing Plant: FORTERRA RED BANK

Conforms to the Harmonised European Standard: **BS EN 1857:2010**

A2

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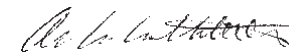
Provision to which the product conforms: Standard: Annex ZA of BS EN 1857:2010, System 2+ Regulation (EU) No. 305/2011

Full product designation:	T600 N2 G D 3 (100)
Gas tightness:	Declared pressure class: N2
Flow resistance:	Mean roughness: 0.003 m (default value)
Thermal resistance:	0.0757 m ² K/W
Resistance to fire:	Classification: G (sootfire resistant)
Reaction to fire:	A1
Compressive strength:	Declared structural height 14 m
Durability:	Condensate resistance: NPD (Designation D)
	Corrosion resistance: NPD (Designation D)
	Abrasion resistance: 1.6kg/m ²
	Freeze / Thaw resistance: NPD
Dangerous Substances:	See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1857:2010.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice .

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager
Place of Issue: Northampton

Date: 22 December 2020



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

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BS EN 13502:2002

**FORTERRA RED BANK
CLAY/CERAMIC FLUE TERMINALS
RESTRICTED RIDGE TERMINALS – (CFTRR)**

Flow resistance: Flow resistance factor: 2.0

Durability: Freeze / Thaw resistance: PASS (spray method)

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 13502:2002.

See Also Declaration of Performance DOP/FBP/CFTRR

Declaration of Performance

DOP/FBP/ CFTRR

The undersigned, representing the following:

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

Confirms that:

**CLAY/CERAMIC FLUE TERMINALS
RESTRICTED RIDGE TERMINALS –(CFTRR)**

Manufacturing Plant: FORTERRA RED BANK

Conforms to the Harmonised European Standard: **BS EN 13502:2002**

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Provision to which the product conforms: Annex ZA of BS EN 13502:2002. System 4
Regulation (EU) No. 305/2011

Flow resistance: Flow resistance factor: 2.0

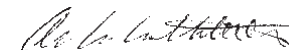
Durability: Freeze / Thaw resistance: PASS (spray method)

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 13502:2002.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice .

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager
Place of Issue: Northampton

Date: 22 December 2020



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

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BS EN 13502:2002

**FORTERRA RED BANK
CLAY/CERAMIC FLUE TERMINALS
RESTRICTED TYPE 0 TERMINALS – (CFTR0)**

Flow resistance: Flow resistance factor: NPD
Durability: Freeze / Thaw resistance: PASS (spray method)
Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 13502:2002.

See Also Declaration of Performance DOP/FBP/CFTR0

Declaration of Performance

DOP/FBP/ CFTR2

The undersigned, representing the following:

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

Confirms that:

**CLAY/CERAMIC FLUE TERMINALS
RESTRICTED TYPE 0 TERMINALS – (CFTR0)**

Manufacturing Plant: FORTERRA RED BANK

Conforms to the Harmonised European Standard: **BS EN 13502:2002**

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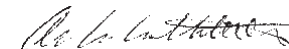
Provision to which the product conforms: Annex ZA of BS EN 13502:2002. System 4
Regulation (EU) No 305/2011

Flow resistance: Flow resistance factor: NPD
Durability: Freeze / Thaw resistance: PASS (spray method)
Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 13502:2002.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager

Date: 22 December 2020

Place of Issue: Northampton



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

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BS EN 13502:2002

**FORTERRA RED BANK
CLAY/CERAMIC FLUE TERMINALS
RESTRICTED TYPE 2 TERMINALS – (CFTR2)**

Flow resistance: Flow resistance factor: 3.0

Durability: Freeze / Thaw resistance: PASS (spray method)

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 13502:2002.

See Also Declaration of Performance DOP/FBP/CFTR2

Declaration of Performance

DOP/FBP/ CFTR2

The undersigned, representing the following:

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

Confirms that:

**CLAY/CERAMIC FLUE TERMINALS
RESTRICTED TYPE 2 TERMINALS – (CFTR2)**

Manufacturing Plant: FORTERRA RED BANK

Conforms to the Harmonised European Standard: **BS EN 13502:2002**

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Provision to which the product conforms: Annex ZA of BS EN 13502:2002. System 4
Regulation (EU) No 305/2011

Flow resistance: Flow resistance factor: 3.0

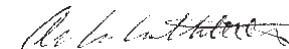
Durability: Freeze / Thaw resistance: PASS (spray method)

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 13502:2002.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager

Place of Issue: Northampton

Date: 22 December 2020



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

BS EN 1304:2013

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**FORTERRA RED BANK
CLAY RIDGE TILES AND FITTINGS – (CLAYRT)**

Mechanical resistance properties / Flexural strength	Complies
External fire performance	Deemed to satisfy
Reaction to fire	Class A1
Water impermeability	Pass Category 1, test method 2
Dimensions and dimensional tolerance	Complies
Durability	Pass Method D
Dangerous Substances:	See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1304:2013.

See Also Declaration of Performance DOP/FBP/CLAYRT

Declaration of Performance DOP/FBP/CLAYRT

The undersigned, representing the following:

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

Confirms that:

CLAY RIDGE TILES AND FITTINGS – (CLAYRT)

Manufacturing Plant: FORTERRA RED BANK

Conforms to the Harmonised European Standard: **BS EN 1304:2013**

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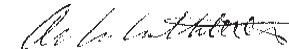
Provision to which the product conforms: Annex ZA of BS EN 1304:2005. System 4
Regulation (EU) No. 305/2011

Mechanical resistance properties / Flexural strength	Complies
External fire performance	Deemed to satisfy
Reaction to fire	Deemed to satisfy Class A1
Water impermeability	Pass Category 1, test method 2
Dimensions and dimensional tolerance	Complies
Durability	Pass Method D
Dangerous Substances:	See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 1304:2005.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager

Place of Issue: Northampton

Date: 22 December 2020



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

BS EN 771-3:2011+A1:2015

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SPLIT COURSE (SCR) BLOCK
375 X 100 X 35 mm
CATEGORY II AGGREGATE CONCRETE MASONRY UNIT

Dimensions:		375 x 100 x 35 mm
Dimensional tolerances :	Category:	D1
	Flatness:	NPD
	Parallelism:	NPD
Configuration:		Solid
Compressive strength:	Mean	20 N/mm ² [L bed face]
Dimensional stability:	Moisture movement:	< 0.55 mm/m
Shear bond strength:	Fixed Value:	0.15 N/mm ²
Flexural bond strength:		NPD
Reaction to fire:		A1
Water Absorption:		NPD (Not to be left exposed)
Direct airborne sound insulation:	Gross density:	2010 kg/m ³
	Configuration:	As above
Thermal conductivity:	Tabulated value:	1.01 W/m.K [$\lambda_{10,dry}$]
Durability:		NPD (Not to be left exposed)
Dangerous Substances:		See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-3:2011.

See Also Declaration of Performance DOP/FBP/SCR

Declaration of Performance

DOP/FBP/SCR

The undersigned, representing the following:

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

Confirms that:

SPLIT COURSE (SCR) BLOCK
AGGREGATE CONCRETE MASONRY UNIT

Manufacturing Plant: FORTERRA RED BANK
Conforms to the Harmonised European Standard: **BS EN 771-3:2011+A1:2015**

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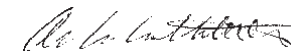
Provision to which the product conforms: Annex ZA of BS EN 771-3:2011+A1:2015.
System 4 Regulation (EU) No 305/2011

Dimensions:		375 x 100 x 35 mm
Dimensional tolerances :	Category:	D1
	Flatness:	NPD
	Parallelism:	NPD
Configuration:		Solid
Compressive strength:	Mean	20 N/mm ² [L bed face]
Dimensional stability:	Moisture movement:	< 0.55 mm/m
Shear bond strength:	Fixed Value:	0.15 N/mm ²
Flexural bond strength:		NPD
Reaction to fire:		A1
Water Absorption:		NPD (Not to be left exposed)
Direct airborne sound insulation:	Gross density:	2010 kg/m ³
	Configuration:	As above
Thermal conductivity:	Tabulated value:	1.01 W/m.K [$\lambda_{10,dry}$]
Durability:		NPD (Not to be left exposed)
Dangerous Substances:		See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-3:2011+A1:2015.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and appropriate codes of practice.

Signed on behalf of the manufacturer:



Full name: Carl Cuthbert

Position: Quality Control Manager

Place of Issue: Northampton

Date: 22 December 2020