



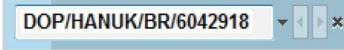


Forterra Building Products Limited  
5 Grange Park Court  
Roman Way  
Northampton  
NN4 5EA

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

Thank you for downloading our CE certification for Red Bank. You can find the appropriate certificate in two simple steps:

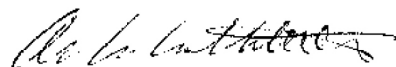
1. First, press your  +  buttons to bring up the search box.

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

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

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

Yours sincerely,



Carl Cuthbert  
Head of Quality and Clay Services  
Forterra Building Products Limited



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

T250 N2 D 1 O (50)

|  |                            |                          |
|--|----------------------------|--------------------------|
| <b>Flow resistance:</b>                          | Mean roughness:            | 0.003 m                  |
| <b>Thermal resistance:</b>                       |                            | 0.121 m <sup>2</sup> K/W |
| <b>Compressive strength:</b>                     | Declared structural height | 14 m                     |
| <b>Durability:</b>                               | Abrasion                   | 1.64 kg/m <sup>2</sup>   |
|  | Freeze / Thaw resistance:  | NPD                      |
| <b>Reaction to fire:</b>                         |                            | A1                       |
| <b>Resistance to fire, external to external:</b> |                            | NPD                      |
| <b>Dangerous Substances:</b>                     |                            | 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/HANUK/RB/RFCFB

## Declaration of Performance

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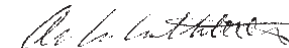
Provision to which the product conforms: Standard: Annex ZA of BS EN 1858:2008 + A1:2011.  
System 2+  
Regulation (EU) No. 305/2011

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

Date: 05 October 2015



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))

|                              |                            |                           |
|------------------------------|----------------------------|---------------------------|
| <b>Flow resistance:</b>      | Mean roughness:            | 0.003 m                   |
| <b>Reaction to fire:</b>     |                            | A1                        |
| <b>Thermal resistance:</b>   |                            | 0.1448 m <sup>2</sup> K/W |
| <b>Compressive strength:</b> | Declared structural height | 14 m                      |
| <b>Durability:</b>           | Freeze / Thaw resistance:  | NPD                       |
| <b>Dangerous Substances:</b> |                            | 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/HANUK/RB/RMCCF

## Declaration of Performance

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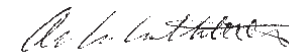
Provision to which the product conforms: Annex ZA of BS EN 1857:2010, System 2+ Regulation (EU) No. 305/2011

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

Date: 05 October 2015



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

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BS EN 1457-1:2012

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

A1N2

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

**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/HANUK/RB/CLAYFL

## Declaration of Performance

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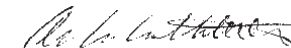
Provision to which the product conforms: Standard: Annex ZA of BS EN 1457-1:2012, System 2+ Regulation (EU) No. 305/2011

|                                  |   |
|----------------------------------|---|
| <b>Full product designation:</b> | T600 N2 G D 3 (100)                         |
| <b>Gas tightness:</b>            | Declared pressure class: N2                 |
| <b>Flow resistance:</b>          | Mean roughness: 0.0015 m                    |
| <b>Resistance to fire:</b>       | Classification: G (sootfire resistant)      |
| <b>Compressive strength:</b>     | 10 MN/m <sup>2</sup>                        |
| <b>Thermal resistance:</b>       | 0.0909 m <sup>2</sup> K/W                   |
| <b>Durability:</b>               | Corrosion resistance: 5%                    |
|                                  | Freeze / Thaw resistance: NPD               |
|                                  | Abrasion resistance: 0.03 kg/m <sup>2</sup> |
| <b>Dangerous Substances:</b>     | 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: Head of Quality and Clay Services

Date: 05 October 2015



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/HANUK/RB/CFTO

## Declaration of Performance

DOP/HANUK/RB/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

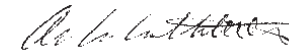
**Durability:** Freeze / Thaw resistance: PASS (spray method)

**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: Head of Quality and Clay Services

Date: 05 October 2015



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)

|  |                            |                          |
|--|----------------------------|--------------------------|
| <b>Flow resistance:</b>                          | Mean roughness:            | 0.003 m                  |
| <b>Thermal resistance:</b>                       |                            | 0.037 m <sup>2</sup> K/W |
| <b>Compressive strength:</b>                     | Declared structural height | 14 m                     |
| <b>Durability:</b>                               | Abrasion                   | 1.96 kg/m <sup>2</sup>   |
|  | Freeze / Thaw resistance:  | NPD                      |
| <b>Reaction to fire:</b>                         |                            | A1                       |
| <b>Resistance to fire, external to external:</b> |                            | NPD                      |
| <b>Dangerous Substances:</b>                     |                            | 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/HANUK/RB/RFPFB

## Declaration of Performance

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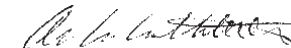
Provision to which the product conforms: Standard: Annex ZA of BS EN 1858:2008 + A1:2011.  
System 2+  
Regulation (EU) No. 305/2011

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

Date: 05 October 2015



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

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1333-CPR-00148

BS EN 1857:2010

FORTERRA RED BANK  
RM PRESSED CONCRETE FLUE LINER - (RMPCF)

A2  
(T600 N2 G D 3 (100))

|                              |                            |                           |
|------------------------------|----------------------------|---------------------------|
| <b>Flow resistance:</b>      | Mean roughness:            | 0.003 m                   |
| <b>Reaction to fire:</b>     |                            | A1                        |
| <b>Thermal resistance:</b>   |                            | 0.0757 m <sup>2</sup> K/W |
| <b>Compressive strength:</b> | Declared structural height | 14 m                      |
| <b>Durability:</b>           | Freeze / Thaw resistance:  | NPD                       |
| <b>Dangerous Substances:</b> |                            | 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/HANUK/RB/RMPCF

## Declaration of Performance

DOP/HANUK/RB/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**

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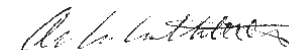
Provision to which the product conforms: Standard: Annex ZA of BS EN 1857:2010, System 2+ Regulation (EU) No. 305/2011

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

Date: 05 October 2015

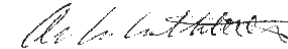
|   |   |
|---|---|
| <br>Forterra Building Products Limited<br>5 Grange Park Court, Roman Way<br>Northampton, NN4 5EA |   |
| <b>13</b><br><br><b>BS EN 13502:2002</b><br><br><b>FORTERRA RED BANK</b><br><b>CLAY/CERAMIC FLUE TERMINALS</b><br><b>RESTRICTED RIDGE TERMINALS – (CFTRR)</b>                     |   |
| <b>Flow resistance:</b>   | Flow resistance factor: 2.0                   |
| <b>Durability:</b>  | Freeze / Thaw resistance: PASS (spray method) |
| <b>Dangerous Substances:</b>  | See Note                                      |
| <b>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.</b>                           |   |

See Also Declaration of Performance DOP/HANUK/RB/CFTRR

|   |   |
|---|---|
| <b>Declaration of Performance</b><br><b>DOP/HANUK/RB/ CFTRR</b><br><br>The undersigned, representing the following:<br><br>Forterra Building Products Limited<br>5 Grange Park Court, Roman Way<br>Northampton, NN4 5EA<br><br>Confirms that: |   |
| <b>CLAY/CERAMIC FLUE TERMINALS</b><br><b>RESTRICTED RIDGE TERMINALS – (CFTRR)</b><br><br>Manufacturing Plant: FORTERRA RED BANK<br><br>Conforms to the Harmonised European Standard: <b>BS EN 13502:2002</b><br><br><b>13</b>                 |   |
| Provision to which the product conforms:  | Annex ZA of BS EN 13502:2002. System 4 Regulation (EU) No. 305/2011 |
| <b>Flow resistance:</b>   | Flow resistance factor: 2.0   |
| <b>Durability:</b>  | Freeze / Thaw resistance: PASS (spray method)                       |
| <b>Dangerous Substances:</b>  | See Note  |
| <b>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.</b>   |   |

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: Head of Quality and Clay Services

Date: 05 October 2015



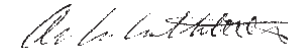
|   |   |
|---|---|
| <br>Forterra Building Products Limited<br>5 Grange Park Court, Roman Way<br>Northampton, NN4 5EA |   |
| <b>13</b><br><b>BS EN 13502:2002</b><br><b>FORTERRA RED BANK</b><br><b>CLAY/CERAMIC FLUE TERMINALS</b><br><b>RESTRICTED TYPE 0 TERMINALS – (CFTR0)</b>                            |   |
| <b>Flow resistance:</b>   | Flow resistance factor: NPD                   |
| <b>Durability:</b>  | Freeze / Thaw resistance: PASS (spray method) |
| <b>Dangerous Substances:</b>  | See Note                                      |
| <b>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.</b>                           |   |

See Also Declaration of Performance DOP/HANUK/RB/CFTR0

|   |   |
|---|---|
| <b>Declaration of Performance</b><br><b>DOP/HANUK/RB/ CFTR2</b><br>The undersigned, representing the following:<br>Forterra Building Products Limited<br>5 Grange Park Court, Roman Way<br>Northampton, NN4 5EA<br>Confirms that: |   |
| <b>CLAY/CERAMIC FLUE TERMINALS</b><br><b>RESTRICTED TYPE 0 TERMINALS – (CFTR0)</b><br>Manufacturing Plant: FORTERRA RED BANK<br>Conforms to the Harmonised European Standard: <b>BS EN 13502:2002</b><br><b>13</b>                |   |
| Provision to which the product conforms:  | Annex ZA of BS EN 13502:2002. System 4<br>Regulation (EU) No 305/2011 |
| <b>Flow resistance:</b>   | Flow resistance factor: NPD   |
| <b>Durability:</b>  | Freeze / Thaw resistance: PASS (spray method)                         |
| <b>Dangerous Substances:</b>  | See Note  |
| <b>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.</b>   |   |

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: Head of Quality and Clay Services

Date: 05 October 2015

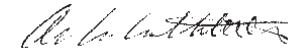
|   |   |
|---|---|
| <br>Forterra Building Products Limited<br>5 Grange Park Court, Roman Way<br>Northampton, NN4 5EA |   |
| 13<br><b>BS EN 13502:2002</b><br><b>FORTERRA RED BANK</b><br><b>CLAY/CERAMIC FLUE TERMINALS</b><br><b>RESTRICTED TYPE 2 TERMINALS – (CFTR2)</b>                                   |   |
| <b>Flow resistance:</b>   | Flow resistance factor: 3.0                   |
| <b>Durability:</b>  | Freeze / Thaw resistance: PASS (spray method) |
| <b>Dangerous Substances:</b>  | See Note                                      |
| <b>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.</b>                           |   |

See Also Declaration of Performance DOP/HANUK/RB/CFTR2

|   |   |
|---|---|
| <b>Declaration of Performance</b><br><b>DOP/HANUK/RB/ CFTR2</b><br>The undersigned, representing the following:<br>Forterra Building Products Limited<br>5 Grange Park Court, Roman Way<br>Northampton, NN4 5EA<br>Confirms that: |   |
| <b>CLAY/CERAMIC FLUE TERMINALS</b><br><b>RESTRICTED TYPE 2 TERMINALS – (CFTR2)</b><br>Manufacturing Plant: FORTERRA RED BANK<br>Conforms to the Harmonised European Standard: <b>BS EN 13502:2002</b><br>13                       |   |
| Provision to which the product conforms:  | Annex ZA of BS EN 13502:2002. System 4<br>Regulation (EU) No 305/2011 |
| <b>Flow resistance:</b>   | Flow resistance factor: 3.0   |
| <b>Durability:</b>  | Freeze / Thaw resistance: PASS (spray method)                         |
| <b>Dangerous Substances:</b>  | See Note  |
| <b>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.</b>   |   |

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: Head of Quality and Clay Services

Date: 05 October 2015

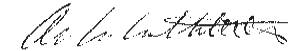
|   |                                |
|---|--------------------------------|
| <br>Forterra Building Products Limited<br>5 Grange Park Court, Roman Way<br>Northampton, NN4 5EA |                                |
| <b>BS EN 1304:2005</b><br><b>13</b><br><b>FORTERRA RED BANK</b><br><b>CLAY RIDGE TILES AND FITTINGS – (CLAYRT)</b>  |                                |
| <b>Mechanical resistance properties / Flexural strength</b>   | Complies                       |
| <b>External fire performance</b>  | Deemed to satisfy              |
| <b>Reaction to fire</b>   | Class A1                       |
| <b>Water impermeability</b>   | Pass Category 1, test method 2 |
| <b>Dimensions and dimensional tolerance</b>   | Complies                       |
| <b>Durability</b>   | Pass Method D                  |
| <b>Dangerous Substances:</b>  | See Note                       |
| <b>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.</b>                            |                                |

See Also Declaration of Performance DOP/HANUK/RB/CLAYRT

|   |  |
|---|--|
| <b>Declaration of Performance</b><br><b>DOP/HANUK/RB/CLAYRT</b><br><br>The undersigned, representing the following:<br><br>Forterra Building Products Limited<br>5 Grange Park Court, Roman Way<br>Northampton, NN4 5EA<br><br>Confirms that: |  |
| <b>CLAY RIDGE TILES AND FITTINGS – (CLAYRT)</b><br><br>Manufacturing Plant: FORTERRA RED BANK<br><br>Conforms to the Harmonised European Standard: <b>BS EN 1304:2013</b><br><br><b>13</b>  |  |
| Provision to which the product conforms:  | Annex ZA of BS EN 1304:2005. System 4 Regulation (EU) No. 305/2011 |
| <b>Mechanical resistance properties / Flexural strength</b>   | Complies   |
| <b>External fire performance</b>  | Deemed to satisfy  |
| <b>Reaction to fire</b>   | Deemed to satisfy Class A1   |
| <b>Water impermeability</b>   | Pass Category 1, test method 2                                     |
| <b>Dimensions and dimensional tolerance</b>   | Complies   |
| <b>Durability</b>   | Pass Method D  |
| <b>Dangerous Substances:</b>  | See Note   |
| <b>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.</b>  |  |

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: Head of Quality and Clay Services

Date: 05 October 2015



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

BS EN 771-3:2011

13

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

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

## Declaration of Performance

DOP/HANUK/RB/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**

13

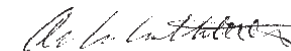
Provision to which the product conforms: Annex ZA of BS EN 771-3:2011. System 4  
Regulation (EU) No 305/2011

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

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: Head of Quality and Clay Services

Date: 05 October 2015