



**Declaration of Performance**

Certificate Number: DOP/F/FP/HV-Stairs

The undersigned, representing the following:

FORTERRA  
5 Grange Park Court, Roman Way  
Northampton  
NN4 5EA

Confirms that:

**Precast Reinforced Concrete Stairs**

Manufacturing Plant: **Hoveringham**

**13**

FPC Certificate No.: 1333 - CPD - 00137

Conforms to harmonised European Standard: BS EN 14843:2007

Category I: Precast Concrete Products - Stairs

Provision to which the product conforms: Standard: ZA of BS EN 14843:2007  
Regulation (EU) No. 305 / 2011

**Concrete:**

Compressive strength.....  $f_{ck}$ : C32/40 N/mm<sup>2</sup>

**Reinforced steel:**

Ultimate tensile strength.....  $f_{tk}$ : 650 kN/m<sup>2</sup>

Tensile yield strength.....  $f_{yk}$ : 500 kN/m<sup>2</sup>

**Prestressing steel:**

Ultimate tensile strength.....  $f_{pk}$ : N/A

Tensile 0.1% proof stress.....  $f_{p0.1k}$ : N/A

**Resistance to fire R**..... 60 minutes

For geometrical data detailing, durability, acoustic insulation index, possible complementary information on fire resistance and other NDPs see the design specification

**Design Specification** Technical File\*

\* Available on request

Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture: *Matthew Clay* Full name: Matthew Clay

Position: Managing Director (Design Solution) Date: 05 October 2015



1333

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13

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**BE EN 14843:2007**

Precast concrete products - Stairs

**Product Name: Precast Reinforced Concrete Stairs**

Category I: Precast Concrete Products - Stairs

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