



**Declaration of Performance**

Certificate Number: DOP/F/FP/SC-Culverts

The undersigned, representing the following:

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

Confirms that:

**Precast Reinforced Box Culverts**

Manufacturing Plant: Somercotes

13

FPC Certificate No.: 1333 - CPR - 00138

Conforms to harmonised European Standard: BS EN 14844:2006 + A2:2011

Category I: Precast Products - Box Culverts

Provision to which the product conforms: Standard: BS EN 14844:2006 + A2:2011

Regulation (EU) No. 305 / 2011

**Concrete:**

Compressive strength.....  $f_{ck}$ : C45/55 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

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

**Design Specification:**.....(client's order)

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:

Full name: Matthew Clay

Position: Managing Director (Design Solution)

Date: 05 October 2015

Version: 1



1333

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

13

FPC Certificate No.:1333-CPR-00138

**BS EN 14844:2006 + A2:2011**

Precast Reinforced Concrete Box Culverts

**Product Name: Precast Concrete Box Culverts**

Category I: Precast Products - Box Culverts

**Concrete:**

Compressive strength.....  $f_{ck}$ : C45/55 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

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

**Design Specification:**.....(client's order)

Version: 1