

### Declaration of Performance

Certificate Number: DOP/HANUK/FP-Culverts/Culverts

The undersigned, representing the following:

Hanson Building Products Ltd  
Hanson House, 14 Castle Hill,  
Maidenhead,  
SL6 4JJ

Confirms that:

#### Precast Reinforced Box Culverts

Manufacturing Plant: Somercotes

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FPC Certificate No.:1333-CPD-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.....  $f_{ck}$ : 45.0 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

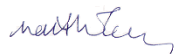
For geometrical data detailing, durability, acoustic insulation index, possible complementary information on fire resistance and other NDPs see the design specification

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: 04 March 2014



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FPC Certificate No.:1333-CPD-00138

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

Precast Reinforced Concrete Box Culverts

#### Product Name: Precast Concrete Box Culverts

Category I: Precast Products - Box Culverts

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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)