SUPREME

# DECLARATION OF PERFORMANCE

## No. P150105

**1. Unique identification code of the product type:**

Prestressed Concrete Lintel - Textured Finish
P150105

**2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:**

Prestressed Concrete Lintel - Textured Finish Length, L (mm): 1050
P150: Profile, h x w (mm): 65 x 140 (h = lintel height)

**3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:**

Intended use in masonry walls and partitions - to support loads over openings with a semi-structural role in the works (up to a maximum clear span of 3.3 m)

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):**

Supreme Concrete Limited
Coppingford Hall, Coppingford Road, Sawtry, Cambridgeshire, PE28 5GP, UK

**5. System of assessment and verification of constancy of performance of the construction product as set out in Annex V:**

System 3

**6. In case of the declaration of performance concerning a construction product covered by a harmonized standard:**

EN 845-2:2013
Notified Body: BRE (Notified Body ID No. 0832) performed initial type testing under AVCP System 3 and issued test/ calculation reports: No. 258-597

**7. Declared performance:**

| Essential Characteristics | Performance | | Harmonised Technical Specification |
|---|---|---|---|
| | P150 | | EN 845-2:2013 |
| **Load bearing capacity:** (based on 150mm bearing at each end) | 23.56 | kN/m | |
| Profile (height, h x width, w): | 65 x 140 | mm | |
| Length: | 1050 | mm | |
| Minimum built in length: | 150 | mm | |
| Failure Mode(s): | Flexure | | |
| **Deflection at ⅓ load capacity:** | 0.70 | mm | |
| **Water absorption:** | 1.6 | $g/m^2.s$ | |
| **Water vapour permeability:** | 5/15 | μ | |
| **Mass per unit area:** | NPD | $kg/m^2$ | |
| **Thermal resistance (thermal conductivity):** | 1.19 | W/(m.K) | |
| **Resistance to fire:** | R30 | | |
| **Durability (against corrosion):** | C2 | | |
| **Durability (against freeze/thaw):** | Resistant | | |
| **Dangerous substances:** | None | | |

For geometrical data and load/span tables, see the Technical Documentation.

Technical Documentation:
Product Catalogue
Product technical file (LI)
Website: www.supremeconcrete.co.uk

**8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.**

Signed for and on behalf of the manufacturer by:

Signature:

Name: Richard Lee
Position: Managing Director
Place: Coppingford Hall, PE28 5GP, UK
Date: 9th September 2013

Date of download: 08/11/2013