

Declaration of Performance
DOP-SB
Precast Concrete Support Beams

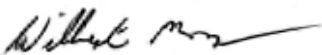
1. Unique identification code of the product type
Precast concrete Linear Elements-Support Beams
2. Type, batch or serial number or any other method of identification of the product type:
Pre-fix: SB
3. Intended use of the product, in accordance with the applicable technical specification, as foreseen by the manufacturer:
Beams to support elements in suspended flooring system
4. Name, registered trade name or registered trade mark and contact address of the manufacturer:
Moore Concrete Products Ltd., Caherty House, 41 Woodside Road, Ballymena, Co. Antrim, Northern Ireland, BT42 4QH
5. System or systems of assessment and verification of constancy of performance of the construction product:
System 2+, Method 1
6. Declaration of performance concerning linear elements (beams) covered by the harmonized standard:
BS EN 13225 2013
The notified body British Standards Institution (BSI) (No 0086) performed the initial inspection of the manufacturing plant and of factory production control. BSI oversees and inspects regularly the production in the factory and it has issued a certificate of conformity for the factory production control.

7. Declared performance:

Essential characteristic as in Table ZA.1	Performance	Harmonised technical specification
Compressive strength of concrete	C40/50	EN 13225 2013
Ultimate tensile strength of pre-stressing steel	$f_{pk}=1860 \text{ N/mm}^2$	
0.1% proof strength of pre-stressing steel	$f_{p0.1k}=1637 \text{ N/mm}^2$	
Ultimate tensile strength of steel	$f_{tk}=585 \text{ N/mm}^2$	
Yield strength of steel	$f_{yk}=500 \text{ N/mm}^2$	
Dangerous substances	NDP	
Mechanical strength (Method 1)	For geometrical details, durability and detailing see product catalogue	
Fire resistance (Method 1)		
Durability		
Detailing	Product catalogue: On request from Sales Team	

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 on behalf of the manufacturer by:



Wilbert Moore (Managing Director)
 Moore Concrete Products Ltd, Ballymena, Co. Antrim
 February 2015