

**Declaration of Performance  
DOP-BC  
Precast Concrete Box culverts**

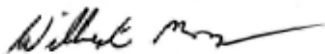
1. Unique identification code of the product type  
*Precast concrete box culverts*
2. Type, batch or serial number or any other method of identification of the product type:  
*Culvert*
3. Intended use of the product, in accordance with the applicable technical specification, as foreseen by the manufacturer:  
*Culverting of watercourses, cattle underpasses, escape tunnels and shafts*
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 3b*
6. Declaration of performance concerning box culverts covered by the harmonized standard:  
*BS EN 14844:2006+A2:2011*  
*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 14844:2006+A2:2011
Ultimate tensile strength of steel Yield strength of steel	$f_{tk}=585 \text{ N/mm}^2$ $f_{yk}=500 \text{ N/mm}^2$	
Mechanical resistance	For geometrical details, mechanical resistance, durability and detailing see Design Specification Design Specification: On request from Sales Team	
Durability Detailing		
Durability against freeze thaw	F4	
Drying shrinkage	N/A	

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