



DUCON CONCRETE LTD.

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Concrete Blocks. Readymix Concrete. Quarry Products. Concrete Stairs. Pre-Stressed Concrete Floor, Roof & Wall Panels. Pre-Cast Wide Slab. Domesti-Core Pre-Cast Floors.

Declaration of Performance Precast Hollowcore Slabs

- Unique identification code of product type:
Precast Concrete Hollowcore Slabs
- Type, batch or series number or any other method of identification of product type:
See unique number of the product
- Intended use of the products are in accordance with its technical specification for use in area's specified by the manufacturer:
Precast Concrete Hollowcore Slabs (for flooring)
- Name, registered trade name or registered trade mark and contact details of the manufacturer:
Ducon Concrete Limited, Ballymaquirk, Kanturk Co. Cork
- The method of approving and verification of the performance of the product, mentioned in Annex V:
System 2+
- The performance statement as related to the product which has to meet our production standards:
The official agency NATIONAL STANDARDS AUTHORITY OF IRELAND (NSAI) has performed the initial inspection of the production facilities in accordance with system 2+. The agency has performed the initial inspection of the factory and of the factory production control system. The agency performs the continuous surveillance, assessment and approval of the factory production control. The agency has issued a certificate of conformity for the production inspection.

7. Indicated Performance

Essential characteristics table ZA.1	Performance	Standards
Compressive strength	Reinforced Sections – C32/40 Prestressed Sections – C40/50	EN 1168:2005 inclusive of potential amendments and corrections
Ultimate tensile and tensile yield strength of steel	$f_{tk} = 54 \text{ N/mm}^2$ $f_{yk} = 500 \text{ N/mm}^2$	
Ultimate tensile and tensile yield strength of prestressing steel	$f_{tk} = 1770 \text{ N/mm}^2$ $f_{yk} = 1570 \text{ N/mm}^2$	
Acoustic Properties	NPD	
Mechanical Strength (Method 1)	For geometric details & durability; see technical data sheets. To obtain contact: info@duconconcrete.com	
Fire Resistance (Method 1)		
Durability against Corrosion		
Detailing		

- The performance of the product described in points 1 and 2 are in accordance with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer referred to in point 4.

Signed for and on behalf of the manufacturer by:


Frank Healy (Managing Director)

