Declaration of Performance

Hanlon Concrete Products Ltd.
Lowtown, Robertstown, Naas, Co Kildare

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1029 - CPR – GB19/964094

Precast Concrete Products – Hollow Core Slabs

***Table 1 – Product Type and identification*:**

Name / Identification	Dimensions
Hollow core slabs (Prestressed)	Maximum standard width: 1200mm. Thickness: 150/200/250 [mm]. Custom lengths pending span and load analysis.

Intended Use: Prestressed hollow core floors for use in buildings.

Manufacturer: Hanlon Concrete Products Ltd.
Lowtown, Roberstown, Naas, Co Kildare.

System of AVCP: System 2+

Harmonized Standards:

- I.S. EN 1168:2005+A3:2011 - Precast concrete products - Hollow core slabs

Declared Performance: The declared essential characteristics and performance of each product is as follows:

Table 2 – Essential Characteristics and Performance:

Essential Characteristics	Performance to I.S. EN 1168:2005+A3:2011
Compressive strength of concrete	f_{ck} = 50 N/mm2
Compressive strength class of concrete	C40/50
Ultimate tensile strength of steel (prestressed)	f_{yk} = 1860 N/mm2
Tensile 0,1% proof-stress (prestressed)	f_{yk} = 85.1 kN
Airborne Insulation (Acoustic Properties)	NPD
Mechanical Strength	For additional geometrical data, detailing, mechanical strength, resistance to fire and durability refer to Declaration Of Performance (DOP) and Technical Data Sheet.
Resistance to Fire	
Durability	

Signed: *Fergus O'Hara.* Date: *15th September 2022*

Fergus O'Hara

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I.S. EN 1168:2005+A3:2011

Precast Concrete Products – Hollow Core Slabs for use in buildings

Concrete:	
Compressive strength	f_{ck} = 50 N/mm^2
Compressive strength class	C40/50
Reinforcing Steel	
Ultimate tensile strength (prestressed)	f_{pk} = 1860 N/mm^2
Tensile 0,1% proof-stress (prestressed)	$f_{p0.1k}$ = 85.1 kN
Airborne Insulation (Acoustic Properties)	NPD
Mechanical Strength	For additional geometrical data, detailing, mechanical strength, resistance to fire and durability refer to Declaratic Of Performance (DOP) and Technical Data Sheet.
Resistance to Fire	
Durability	

Certificate of Conformity of the Factory Production Control
1029 – CPR – GB19/964094

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Precast Concrete Hollow Core Slabs.

placed on the market under the name or trade mark of
Hanlon Concrete Products Ltd
Lowtown, Robertstown, Naas, Co. Kildare, Ireland

and produced in the manufacturing plant
Hanlon Concrete Products Ltd
Lowtown, Robertstown, Naas, Co. Kildare, Ireland

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 1168:2005+A3:2011

under system 2+ for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product

This certificate is valid from 24 August 2025 until 23 August 2028,
and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Issue 3. Certified with SGS since 23 August 2013

Authorised by	Authorised by
Luis Neves	Luis Santos
Certification Management	Certification Management

SGS ICS – Serviços Internacionais de Certificação, Lda, Notified Body 1029
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IPAC acreditação
C0001
ISO/IEC 17065
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