



DECLARATION OF PERFORMANCE

**The undersigned, representing Michael Cronin Readymix
Confirm that**

*Concrete Block produced at Michael Cronin Readymix block plant at Coolcaslagh, Killarney, Kerry conforms to
Harmonised European Standard IS EN771-1:2011*

Category 1 Aggregate Masonry Unit

Provision to which the product conforms: Standard Annex ZA of IS EN 771-1:2011

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer in walls, columns and partitions.

Code	Description	Strength N/mm²	Length mm	Height mm	Width mm
4" solid	100mm solid	7.5, 10 & 13.5	440	215	100
6" solid	150mm Solid	7.5, 10 & 13.5	440	215	150

System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: 2+

Name and identification number of the notified body, NSAI 0050-CPR-0161 has performed initial inspection of the manufacturing plant and of *Factory Production Control and the continuous surveillance, assessment and evaluated under system: 2+* and issued the certificate of conformity of the factory production control - Declared Performance

Essential characteristics	Performance	Harmonised technical specification
Dimensions	As above	IS EN 772-16
Dimension Tolerances	D1 (+3mm, -5mm)	IS EN 772-16
Water Absorption	NPD	N/A
Water Vapour Permeability	5/15μ	IS EN 1745 Annex A (tabulated value)
Bond Strength	0.15N/mm ²	IS EN 998-2 (tabulated value)
Configuration	Category 1 to EN 1996-1-1 Group 1	EN 1996-1-1
Compressive Strength (Mean 50% fractile)	As above	IS EN 772-1

Dimensional Stability moisture Movement	<0.6mm/m	IS EN 772-14
Reaction to Fire	Class A1	IS EN 1996-1-2 Annex A (Tabulated Value)
Density	>1900 Kg/m ³	IS EN 772-13
Durability against freeze- thaw	Not to be left exposed	IS EN 771-3
Dangerous Substances	NPD	
Thermal Conductivity	0.90-1.00W/mK ($\lambda_{10,dry}$)	IS EN 1745 Annex A

The performance of the product identified above is in conformity with the declared performance.
The declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:



Eoin Dunne,
Quality Manager

02/02/2022
Coolcaslagh, Killarney, Kerry