



Concrete Blocks to: CE Mark I.S. EN771-3:2011 (Specification for Masonry Units Part 3 Aggregate Concrete Masonry Unit). Category I.

Declaration of Performance Concrete Block

Product Type & Identification:

Name	Identification
7.5N 100mm Solid Block	S/440x100x215
7.5N 65mm Solid Block	S/440x65x215
7.5N 140mm Solid Block	S440x140x215
7.5N 100mm Soap Bar	S440x100x100
7.5N 150mm Soap Bar	S440x100x150
7.5N 300mm Solid Block	S440x300x215
7.5N Stock Brick	S215x65x100
7.5N 215mm Cavity Block	C440x215x215

Intended Use: in walls, columns and partitions.

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

Harmonized Standard: IS EN 771-3.

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

Dimensions Table 1

100mm Solid Block	S/440x100x215
65mm Solid Block	S/440x65x215
140mm Solid Block	S440x140x215
100mm Soap Bar	S440x100x100
150mm Soap Bar	S440x100x150
300mm Solid Block	S440x300x215
300mm Solid Block	S440x300x215
Stock Brick	S215x65x100
215mm Cavity Block	C440x215x215

Essential Characteristics		Performance
Dimensions	Length	See Table 1
	Width	See Table 1
	Height	See Table 1
	Tolerance Category	D1
Configuration	Shape & Features	NPD
Compressive Strength	Mean Compressive Strength	7.5N/mm ² Bed Face
	Direction of Load	Perpendicular to bed face
	Unit Category	Category I
Dimensional Stability (Shrinkage)		<0.6mm/m
Bond Strength	Shear Bond Strength	0.15N/mm ² (tabulated value)
	Flexural Bond Strength	NPD
Reaction to Fire		Euroclass A1
Water Absorption		NPD
Water Vapour Permeability		5/15μ
Direct Airborne sound insulation (Density and configuration)	Gross Density	>1900 kg/m ³ - Solid >1150 kg/m ³ - Cavity
	Configuration dimensions & tolerances	As above
Thermal Resistance. Conductivity (w/mK) (λ10, dry)		0.90 - 1.20 –Solid
Durability against freeze / thaw		Not to be left exposed

Note: Information on dangerous substances will only be given when and where required in the appropriate form

Signed: *Fergus O'Hara*.

Date: 2nd December 2019

Fergus O'Hara



0129

Hanlon Concrete Products Ltd
Lowtown
Robertstown
Naas
Co Kildare
13
1029-CPR-GB19/964093

EN 771-3:2011

Concrete Blocks to: CE Mark I.S. EN771-3 (Specification for Masonry Units Part 3 Aggregate Concrete Masonry Unit).

Category I 7.5N/mm² Concrete Block

Category:	D1
Flatness:	NPD
Plane Parallelism of bed faces:	NPD
Configuration:	NPD
Mean Compressive Strength (bed face):	7.5N/mm ²
Dimensional Stability (Shrinkage):	<0.6mm/m
Shear Bond Strength:	0.15N/mm ² (tabulated value)
Flexural Bond Strength:	NPD
Reaction to Fire:	Euroclass A1
Water absorption:	NPD
Water Vapour diffusion coefficient:	5/15 μ
Direct airborne sound insulation	
Gross density:	>1900 kg/m ³ - Solid >1150 kg/m ³ - Cavity
Configuration:	As above
Thermal Conductivity:	0.90 - 1.20 w/mk Solid
Dangerous Substances:	NPD