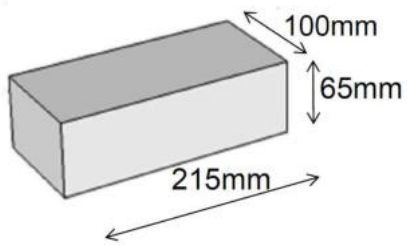
Declaration of Performance

DOP/CL/9185

50N Concrete Brick

Piercetown, Dunboyne, Co.Meath



1. Unique Identification code of the product - type: Code - 9185 - 50.0N Concrete Brick

2. Intended use: In Masonry walls, columns and partitions

3. Manufacturer: Kilsaran Concrete, Piercetown, Dunboyne Co. Meath

4. Authorised Representative: N/A

5. System of AVCP: System 2+

6a. Harmonised Standard: I.S. EN 771-3:2011+A1:2015 **Notified body:** NSAI (0050 - CPR - 0493)

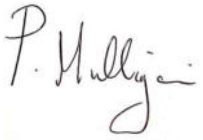
7. Declared Performance

Characteristic	Declared Performance	Harmonised Technical Specification
Dimensions	(L x W x H) 215mm, 100mm, 65mm	I.S. EN 772-16
Dimensional Tolerances	Class D1	I.S. EN 772-16
Configuration	Category I, Group 1 unit	I.S EN 1996-1-1
Compressive Strength (Characteristic)	50.0N/mm²	I.S. EN 772-1
Dimensional Stability Moisture Movement	< 0.6mm/m	I.S. EN 772-14 / Table NA.7 EN 1996-1-1
Bond Strength Shear Bond Strength	0.15N/mm²	I.S. EN 998-2 (Tabulated Value)
Flexural Bond Strength	NPD	N/A
Reaction to Fire	Class A1	I.S. EN 1996-1-2 Annex A (Tabulated Value)
Water Absorption	NPD	N/A
Water Vapour Permeability	5/15μ	I.S. EN 1745 Annex A (Tabulated Value)
Direct airborne sound insulation: Gross Dry Density	>2000kg/m³	I.S. EN 772-13
Configuration	As above	N/A
Dimensions and tolerances	As above	N/A
Thermal Conductivity	0.90 - 1.00W/mK (λ10,dry Mat)	I.S. EN 1745 Annex A (Tabulated Value)
Durability Against Freeze Thaw	NPD	I.S. EN 771-3 - Ref: L Footnote
Dangerous Substances	NPD	N/A

http://www.kilsaran.ie/build/technical-downloads/

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Pat Mulligan at Piercetown, Dunboyne, Co.Meath on 06 July 2026

In the absence of a recognised and specific test method to determine the freeze-thaw resistance for aggreagte concrete masonry units, Table 14 of S.R. 325 should be consulted.

CE

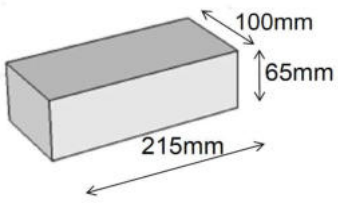
0050

Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
26
0050 - CPR - 0493

EN 771-3
50N Concrete Brick

Category I - 215mm, 100mm, 65mm aggregate concrete masonry unit

Piercetown, Dunboyne, Co.Meath

Dimensions	Declared value	(L x W x H) 215mm, 100mm, 65mm
Dimensional Tolerences	Declared Category	Class D1
Configurtion	Declared	Group 1 unit to I.S. EN 1996-1-1
Compressive Strength	Characteristic	50.0N/mm²
Dimensional Stability		
Moisture Movement	Declared Value	< 0.6mm/m
Bond Strength		
Shear Bond Strength	Declared Value	0.15N/mm² (I.S. EN 998-2)(Tabulated Value)
Flexural Bond Strength	Declared Value	NPD
Reaction to Fire	Declared Class	A1 (I.S. EN 1996-1-2 Annex A)(Tabulated Value)
Water Absorption	Declared Value	NPD
Water Vapour Permeability	Declared Value	5/15μ (I.S. EN 1745 Annex A)(Tabulated Value)
Direct airborne sound insulation:		
Gross Dry Density	Declared	>2000 kg/m³
Configuration	Declared	
Dimensions and tolerances	Declared	As above
Thermal Conductivity	Declared Value	1.00 - 1.11 W/mK (λ10,dry Mat)(I.S. EN 1745 Annex A)(Tabulated Value)
Durability Against Freeze Thaw	Declared - Ref: L Footnote	NPD
Dangerous Substances	Declared	NPD

In the absence of a recognised and specific test method to determine the freeze-thaw resistance for aggreagte concrete masonry units, Table 14 of S.R. 325 should be consulted.