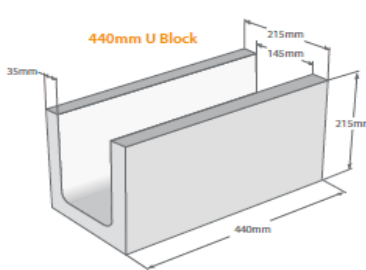


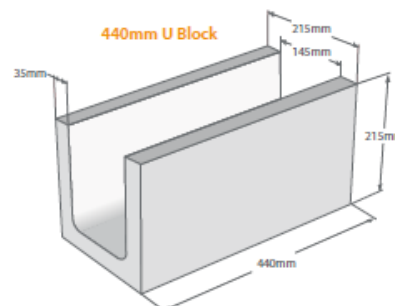
 0050		
Kilsaran Concrete Piercetown, Dunboyne Co. Meath 16 0050 - CPR - 0493		
EN 771-3 4.5N 440mm U EBlock Category I - 440mm, 215mm, 215mm aggregate concrete masonry unit		
Piercetown, Dunboyne, Co.Meath		
Dimensions	Declared value	(L x W x H) 440mm, 215mm, 215mm
Dimensional Tolerances	Declared Category	Class D1
Configurtion	Declared	Group 4 unit to I.S. EN 1996-1-1
Compressive Strength	Characteristic	4.5N/mm ²
Dimensional Stability		
Moisture Movement	Declared Value	< 0.6mm/m
Bond Strength		
Shear Bond Strength	Declared Value	0.15N/mm ² (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	>1250 kg/m ³
Net Dry Density	Declared	>2000 kg/m ³
Configuration	Declared	
		
Dimensions and tolerances	Declared	As above
Thermal Conductivity	Declared Value	1.00 - 1.11 W/mK(λ ₁₀ ,dry Mat)(I.S. EN 1745 Annex A)(Tabulated Value)
Durability Against Freeze Thaw	Declared - Ref: L Footnote	NPD (Not to be left exposed)
Dangerous Substances	Declared	NPD

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

Declaration of Performance

DOP/CL/62500/61405

4.5N 440mm U EBlock
Piercetown, Dunboyne, Co.Meath



1. Unique Identification code of the product - type: Code - 62500/61405 - 4.5N 440mm U Eblock

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 **Notified body:** NSAI (0050 - CPR - 0493)

7. Declared Performance

Characteristic	Declared Performance	Harmonised Technical Specification
Dimensions	(L x W x H) 440mm, 215mm, 215mm	I.S. EN 772-16
Dimensional Tolerances	Class D1	I.S. EN 772-16
Configuration	Category I, Group 4 unit	I.S. EN 1996-1-1
Compressive Strength (Characteristic)	4.5N/mm ²	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/mm ²	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	5/15 _μ	I.S. EN 1745 Annex A (Tabulated Value)
Direct airborne sound insulation: Gross Dry Density	>1250kg/m ³	I.S. EN 772-13
Net Dry Density	>2000kg/m ³	I.S. EN 772-13
Configuration	As above	N/A
Dimensions and tolerances	As above	N/A
Thermal Conductivity	1.00 - 1.11W/mK (λ10,dry Mat)	I.S. EN 1745 Annex A (Tabulated Value)
Durability Against Freeze Thaw	NPD (Not to be left exposed)	I.S. EN 771-3 - Ref: L Footnote
Dangerous Substances	NPD	See Note Below

8. 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:



Kevin Scully at Piercetown, Dunboyne, Co.Meath on 26.02.2024

L: In the absence of a recognised and specific test method to determine the freeze-thaw resistance for aggregate concrete masonry units,

Table 14 of S.R. 325 should be consulted.