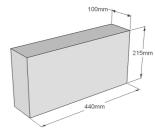


## **Declaration of Performance**

DOP/CL/78308

**15.0N 100mm Solid Facing Quality Block** Piercetown, Dunboyne, Co.Meath



1. Unique Identification code of the product - type: Code - 78308 - 15.0N 100mm Solid Facing Quality Block

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, 100mm, 215mm	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)	15.0N/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
Sond 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)
Vater Absorption	NPD	N/A
Vater Vapour Permeability	5/15µ	I.S. EN 1745 Annex A (Tabulated Value)
irect airborne sound insulation: Gross Dry Density	>1950kg/m³	I.S. EN 772-13
Configuration	As above	N/A
Dimensions and tolerances	As above	N/A
hermal Conductivity	0.90 - 1.00W/mK (λ10,dry Mat)	I.S. EN 1745 Annex A (Tabulated Value)
Ourability Against Freeze Thaw	NPD (Not to be left exposed)	I.S. EN 771-3
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:

Chris O'Reilly at Piercetown, Dunboyne, Co.Meath on 26 April 2016

Abolin



Dimensional Tolerences Declared Category   Configurtion Declared   Compressive Strength Characteristic   Dimensional Stability Moisture Movement   Moisture Movement Declared Value   Bond Strength Declared Value   Shear Bond Strength Declared Value   Flexural Bond Strength Declared Value   Reaction to Fire Declared Class   Water Absorption Declared Value   Water Vapour Permeability Declared Value   Configuration Declared   Gross Dry Density Declared   Configuration Declared   Dimensions and tolerances Declared	crete masonry unit
Declared         Kilsaran Concrete         Piercetown, Dunboyne Co. Meath         16         OCPR - 0493         EN 771-3         Stock 100mm Solid Facing Quality BE         Category I - 440mm, 100mm, 215mm aggregate col         Piercetown, Dunboyne, Co. I         Dimensional Tolerences         Declared value         Configuration         Declared Category         Configuration         Declared Value         Configuration         Declared Value         Configuration         Declared Value         Operative Strength         Chared Class       A1 (LS.         Molectared Value         Shear Bond Strength       Declared Value       A1 (LS.         Molectared Value       5/15/1         Molectared Value       5/15/1         Molectared Value       5/15/1         Molectared Value       5/15/1         Molectared         Molectared       Colspan	crete masonry unit
Kilsaran Concrete         Piercetown, Dunboyne Co. Meath         16         0050 - CPR - 0493         EN 771-3         15.0N 100mm Solid Facing Quality B         Category I - 440mm, 100mm, 215mm aggregate cor         Piercetown, Dunboyne, Co.1         Dimensions         Declared value         Objectard value         Configurtion         Declared         Compressive Strength         Characteristic         Dimensional Stability         Moisture Movement         Declared Value         Shear Bond Strength         Shear Bond Strength         Declared Class         Al (1.5.         Water Value         Water Value         Orine sional insulation:         Gross Dry Density         Declared         Configuration         Declared         Configuration         Declared         Configuration         Declared         Configuration         Declared         Direct airborne sound insulation:         Gross Dry Density         Declared         Direct airborne sound tolerances         Declared </th <th>crete masonry unit</th>	crete masonry unit
Kilsaran Concrete         Piercetown, Dunboyne Co. Meath         16         0050 - CPR - 0493         EN 771-3         15.0N 100mm Solid Facing Quality B         Category I - 440mm, 100mm, 215mm aggregate cor         Piercetown, Dunboyne, Co.1         Dimensions         Declared value         (Lx         Dimensional Tolerences         Declared         Compressive Strength         Characteristic         Dimensional Stability         Moisture Movement         Declared Value         Shear Bond Strength         Shear Bond Strength         Piexural Bond Strength         Piexural Bond Strength         Declared Value         Water Value The Water Value         Water Value Permeability         Declared Value         Water Value Permeability         Declared Value         Configuration         Declared         Configuration         Declared         Moter Value         System Absorption         Declared         Configuration         Declared         Configuration         Declared         Dimensio	crete masonry unit
16         EN 771-3         ISJON 100mm Solid Facing Quality B         Category I - 440mm, 100mm, 215mm aggregate cor <i>Piercetown, Dunboyne, Co.I</i> Dimensions       Declared value       (Lx         Dimensional Tolerences       Declared Category       Configuration         Configuration       Declared Category       Configuration         Compressive Strength       Characteristic       Dimensional Stability         Moisture Movement       Declared Value       0.15M/         Shear Bond Strength       Declared Value       0.15M/         Reaction to Fire       Declared Class       A1 (1.5.)         Water Absorption       Declared Value       5/15µ (         Direct airborne sound insulation:       Gross Dry Density       Declared         Configuration       Declared       5/15µ (         Direct airborne sound insulation:       Gross Dry Density       Declared         Configuration       Declared       Configuration       Configuration         Dimension and tolerances       Declared       Configuration       Configuration	crete masonry unit
ODD - CPR - 0493         EN 771-3         IS.ON 100mm Solid Facing Quality B         Category I - 440mm, 100mm, 215mm aggregate cor         Piercetown, Dunboyne, Co.I         Dimensions       Declared value       (L x         Dimensional Tolerences       Declared Category       (L x         Dimensional Tolerences       Declared Category       (Declared Strength)       Characteristic         Dimensional Stability       Moisture Movement       Declared Value       0.15N/         Piexural Bond Strength       Declared Value       0.15N/         Flexural Bond Strength       Declared Value       0.15N/         Reaction to Fire       Declared Value       0.15N/         Water Vapour Permeability       Declared Value       5/15µ (Declared Value         Oringuration       Declared Value       5/15µ (Declared Value         Direct airborne sound insulation:       Gross Dry Density       Declared         Configuration       Declared       Configuration       Configuration         Dimensions and tolerances       Declared       Configuration       Configuration	crete masonry unit
EN 771-3         15.0N 100mm Solid Facing Quality B         Category I - 440mm, 100mm, 215mm aggregate cor         Piercetown, Dunboyne, Co.1         Dimensions       Declared value       (L x         Dimensional Tolerences       Declared Category         Configuration       Declared       Compressive Strength         Characteristic       Dimensional Stability         Moisture Movement       Declared Value       0.15N/         Flexural Bond Strength       Declared Value       0.15N/         Flexural Bond Strength       Declared Value       0.15N/         Reaction to Fire       Declared Value       0.15N/         Water Absorption       Declared Value       5/15µ (         Water Vapour Permeability       Declared Value       5/15µ (         Direct airborne sound insulation:       Gross Dry Density       Declared         Configuration       Declared       Configuration       Configuration         Dimensions and tolerances       Declared       Configuration       Configuration	crete masonry unit
Difference of the second seco	crete masonry unit
Piercetown, Dunboyne, Co.I         Dimensions       Declared value       (L x         Dimensional Tolerences       Declared Category         Configuration       Declared       Compressive Strength         Compressive Strength       Characteristic         Dimensional Stability       Moisture Movement       Declared Value         Bond Strength       Declared Value       0.15M, Flexural Bond Strength         Shear Bond Strength       Declared Value       0.15M, Flexural Bond Strength         Reaction to Fire       Declared Value       0.15M, Flexural Bond Strength         Water Absorption       Declared Value       5/15µ (         Water Vapour Permeability       Declared Value       5/15µ (         Direct airborne sound insulation:       Gross Dry Density       Declared         Gross Dry Density       Declared       Configuration         Declared       Declared       U         Dimensions and tolerances       Declared       U	
Dimensions     Declared value     (L x       Dimensional Tolerences     Declared Category       Configurtion     Declared       Compressive Strength     Characteristic       Dimensional Stability     Moisture Movement       Bond Strength     Declared Value       Shear Bond Strength     Declared Value       Shear Bond Strength     Declared Value       Piexural Bond Strength     Declared Value       Reaction to Fire     Declared Class       Water Absorption     Declared Value       Water Vapour Permeability     Declared Value       Configuration     Declared       Gross Dry Density     Declared       Configuration     Declared       Dimensions and tolerances     Declared	4+-
Dimensional Tolerences Declared Category Configurtion Declared Compressive Strength Characteristic Dimensional Stability Moisture Movement Declared Value Bond Strength Shear Bond Strength Declared Value Reaction to Fire Declared Class A1 (I.S. Water Absorption Declared Value Water Vapour Permeability Declared Value Configuration Declared Configuration Declared	leath
Configurtion Declared Compressive Strength Characteristic Dimensional Stability Moisture Movement Declared Value Bond Strength Declared Value 0.15N/ Flexural Bond Strength Declared Value Reaction to Fire Declared Class A1 (1.5. Water Absorption Declared Value Water Vapour Permeability Declared Value Gross Dry Density Declared Configuration Declared Dimensions and tolerances Declared	W x H) 440mm, 100mm, 215mm
Compressive Strength       Characteristic         Dimensional Stability       Moisture Movement       Declared Value         Bond Strength       Declared Value       0.15N/         Shear Bond Strength       Declared Value       0.15N/         Flexural Bond Strength       Declared Value       0.15N/         Reaction to Fire       Declared Class       A1 (1.5.         Water Absorption       Declared Value       5/15µ (         Direct airborne sound insulation:       Gross Dry Density       Declared         Gross Dry Density       Declared       Configuration         Declared       Declared       Declared         Dimensions and tolerances       Declared       Declared	Class D1
Dimensional Stability Moisture Movement Declared Value Bond Strength Declared Value 0.15W, Flexural Bond Strength Declared Value Reaction to Fire Declared Class A1 (1.5. Water Absorption Declared Value 5/15µ ( Direct airborne sound insulation: Gross Dry Density Declared Configuration Declared Declared Declared Declared Declared	Group 1 unit to I.S. EN 1996-1-1
Moisture Movement Declared Value Bond Strength Shear Bond Strength Plexural Bond Strength Declared Value Class A1 (1.5. Water Absorption Declared Value Water Vapour Permeability Declared Value S15µ ( Direct airborne sound insulation: Gross Dry Density Configuration Declared Declare	15.0N/mm <sup>2</sup>
Bond Strength       Declared Value       0.15N,         Flexural Bond Strength       Declared Value       0.15N,         Reaction to Fire       Declared Class       A1 (1.5.         Water Absorption       Declared Value       5/15µ (1.5.)         Water Vapour Permeability       Declared Value       5/15µ (1.5.)         Direct airborne sound insulation:       Gross Dry Density       Declared         Configuration       Declared       Declared         Dimensions and tolerances       Declared       Declared	
Shear Bond Strength       Declared Value       0.15N/         Flexural Bond Strength       Declared Value       0.15N/         Reaction to Fire       Declared Class       A1 (1.5.         Water Absorption       Declared Value       5/15µ (         Water Vapour Permeability       Declared Value       5/15µ (         Direct airborne sound insulation:       Gross Dry Density       Declared         Configuration       Declared       Declared         Dimensions and tolerances       Declared       Declared	< 0.6mm/m
Flexural Bond Strength       Declared Value         Reaction to Fire       Declared Class       A1 (I.S.         Water Absorption       Declared Value       Mater Value         Water Vapour Permeability       Declared Value       5/15µ (         Direct airborne sound insulation:       Gross Dry Density       Declared         Configuration       Declared       Declared         Dimensions and tolerances       Declared       Declared	
Reaction to Fire       Declared Class       A1 (1.5.)         Water Absorption       Declared Value       Water Vapour Permeability       Declared Value       5/15µ (         Water Vapour Permeability       Declared Value       5/15µ (       Declared	mm <sup>2</sup> (I.S. EN 998-2)(Tabulated Value)
Water Absorption     Declared Value       Water Vapour Permeability     Declared Value       Direct airborne sound insulation:     Gross Dry Density       Gross Dry Density     Declared       Configuration     Declared       Dimensions and tolerances     Declared	NPD
Water Vapour Permeability Declared Value 5/15µ ( Direct airborne sound insulation: Gross Dry Density Declared Configuration Declared Dimensions and tolerances Declared	EN 1996-1-2 Annex A)(Tabulated Value)
Direct airborne sound insulation: Gross Dry Density Declared Configuration Declared Dimensions and tolerances Declared	NPD
Gross Dry Density Declared Configuration Declared	I.S. EN 1745 Annex A)(Tabulated Value)
Configuration Declared	
Dimensions and tolerances Declared	>1950 kg/m <sup>3</sup>
	100mm 215mm 440mm
Thermal Conductivity Declared Value 0.90 - 1.00 W/mK (λ10,dry Mat)(I.S	As above
	. EN 1745 Annex A)(Tabulated Value)
Durability Against Freeze Thaw Declared	NPD (Not to be left exposed)
Dangerous Substances Declared	
	NPD