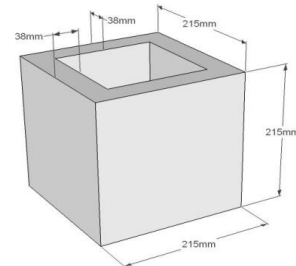


## Declaration of Performance

DOP/GL/55039

**7.5N 215mm Half Hollow E Block**  
Gallstown, Co.Louth



- 1. Unique Identification code of the product - type:** Code - 55039 - 7.5N 215mm Half Hollow E 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 - 0488)

### 7. Declared Performance

Characteristic	Declared Performance	Harmonised Technical Specification
<b>Dimensions</b>	(L x W x H) 215mm, 215mm, 215mm	I.S. EN 772-16
<b>Dimensional Tolerances</b>	Class D2	I.S. EN 772-16
<b>Configuration</b>	Category I, Group 2 unit	I.S. EN 1996-1-1
<b>Compressive Strength (Characteristic)</b>	7.5N/mm <sup>2</sup>	I.S. EN 772-1
<b>Dimensional Stability</b> Moisture Movement	< 0.6mm/m	I.S. EN 772-14 / Table NA.7 EN 1996-1-1
<b>Bond Strength</b> Shear Bond Strength	0.15N/mm <sup>2</sup>	I.S. EN 998-2 (Tabulated Value)
Flexural Bond Strength	NPD	N/A
<b>Reaction to Fire</b>	Class A1	I.S. EN 1996-1-2 Annex A (Tabulated Value)
<b>Water Absorption</b>	NPD	N/A
<b>Water Vapour Permeability</b>	5/15 <sub>μ</sub>	I.S. EN 1745 Annex A (Tabulated Value)
<b>Direct airborne sound insulation:</b> Gross Dry Density	>1250kg/m <sup>3</sup>	I.S. EN 772-13
Net Dry Density	>2000kg/m <sup>3</sup>	I.S. EN 772-13
Configuration	As above	N/A
Dimensions and tolerances	As above	N/A
<b>Thermal Conductivity</b>	1.00 - 1.11W/mK (λ10,dry Mat)	I.S. EN 1745 Annex A (Tabulated Value)
<b>Durability Against Freeze Thaw</b>	NPD (Not to be left exposed)	I.S. EN 771-3
<b>Dangerous Substances</b>	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





**0050**

Kilsaran Concrete  
Piercetown, Dunboyne Co. Meath  
13  
0050 - CPR - 0488

**EN 771-3**

**7.5N 215mm Half Hollow E Block**

**Category I - 215mm, 215mm, 215mm aggregate concrete masonry unit**

Gallstown, Co.Louth

<b>Dimensions</b>	Declared value	(L x W x H ) 215mm, 215mm, 215mm
<b>Dimensional Tolerances</b>	Declared Category	Class D2
<b>Configurtion</b>	Declared	Group 2 unit to I.S. EN 1996-1-1
<b>Compressive Strength</b>	Characteristic	7.5N/mm <sup>2</sup>
<b>Dimensional Stability</b>		
Moisture Movement	Declared Value	< 0.6mm/m
<b>Bond Strength</b>		
Shear Bond Strength	Declared Value	0.15N/mm <sup>2</sup> (I.S. EN 998-2)(Tabulated Value)
Flexural Bond Strength	Declared Value	NPD
<b>Reaction to Fire</b>	Declared Class	A1 (I.S. EN 1996-1-2 Annex A)(Tabulated Value)
<b>Water Absorption</b>	Declared Value	NPD
<b>Water Vapour Permeability</b>	Declared Value	5/15 $\mu$ (I.S. EN 1745 Annex A)(Tabulated Value)
<b>Direct airborne sound insulation:</b>		
Gross Dry Density	Declared	>1250 kg/m <sup>3</sup>
Net Dry Density	Declared	>2000 kg/m <sup>3</sup>
Configuration	Declared	
Dimensions and tolerances	Declared	As above
<b>Thermal Conductivity</b>	Declared Value	1.00 - 1.11 W/mK( $\lambda_{10}$ ,dry Mat)(I.S. EN 1745 Annex A)(Tabulated Value)
<b>Durability Against Freeze Thaw</b>	Declared	NPD (Not to be left exposed)
<b>Dangerous Substances</b>	Declared	NPD