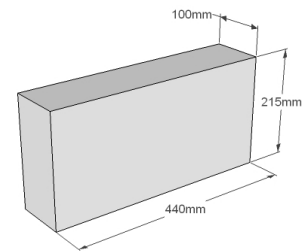


## Declaration of Performance

DOP/BT/00029/69097

**7.5N 100mm Solid Block**  
Bunaterin, Tullamore, Co.Offlay



**1. Unique Identification code of the product - type:** Code - 00029/69097 - 7.5N 100mm Solid 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 - 0494)

**7. Declared Performance**

| Characteristic  | Declared Performance            | Harmonised Technical Specification         |
|---|---------------------------------|--|
| <b>Dimensions</b>   | (L x W x H) 440mm, 100mm, 215mm | I.S. EN 772-16                             |
| <b>Dimensional Tolerances</b>                                 | Class D1                        | I.S. EN 772-16                             |
| <b>Configuration</b>  | Category I, Group 1 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><br>Moisture Movement             | < 0.6mm/m                       | I.S. EN 772-14 / Table NA.7 EN 1996-1-1    |
| <b>Bond Strength</b><br>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><br>Gross Dry Density | >1900kg/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>                                   | 0.90 - 1.00W/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**

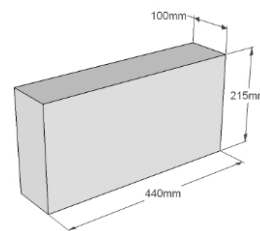
Kilsaran Concrete  
Piercetown, Dunboyne Co. Meath  
13  
0050 - CPR - 0494

**EN 771-3**  
**7.5N 100mm Solid Block**

**Category I - 440mm, 100mm, 215mm aggregate concrete masonry unit**

*Bunaterin, Tullamore, Co.Offlay*

|  |                   |  |
|--|-------------------|--|
| <b>Dimensions</b>                        | Declared value    | (L x W x H) 440mm, 100mm, 215mm                        |
| <b>Dimensional Tolerances</b>            | Declared Category | Class D1   |
| <b>Configuration</b>                     | Declared          | Group 1 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          | >1900 kg/m <sup>3</sup>                                |
| Configuration                            | Declared          |  |



Dimensions and tolerances      Declared      As above

|                                       |                |  |
|---------------------------------------|----------------|--|
| <b>Thermal Conductivity</b>           | Declared Value | 0.90 - 1.00 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  |