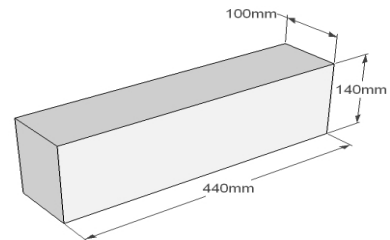


## Declaration of Performance

DOP/RO/91038

**15.0N 140mm Soap Bar**  
Rossmore, Carrigtwohill, Co.Cork



**1. Unique Identification code of the product - type:** Code - 84591/84592 - 15.0N 140mm Soap Bar

**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 - 0184)

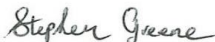
**7. Declared Performance**

| Characteristic  | Declared Performance                        | Harmonised Technical Specification         |
|---|---|--|
| <b>Dimensions</b>   | (L x W x H) 440mm, 100mm, 140mm             | 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>                  | 15.0N/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 $\mu$                                  | 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 ( $\lambda_{10}$ , 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 - Ref: L Footnote            |
| <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 

**Stephen Greene at Piercetown, Dunboyne, Co.Meath on 31st March 2020**

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.



**0050**

Kilsaran Concrete  
Piercetown, Dunboyne Co. Meath  
17  
0050 - CPR - 0184

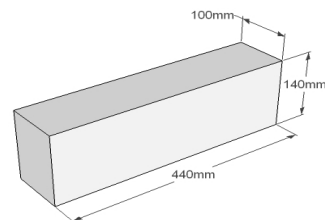
**EN 771-3**

**15.0N 140mm Soap Bar**

**Category I - 440mm, 100mm, 140mm aggregate concrete masonry unit**

*Rossmore, Carrigtwohill, Co.Cork*

|  |                   |  |
|--|-------------------|--|
| <b>Dimensions</b>                        | Declared value    | (L x W x H) 440mm, 100mm, 140mm                        |
| <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    | 15.0N/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 - Ref: L Footnote | NPD (Not to be left exposed)  |
| <b>Dangerous Substances</b>           | 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.