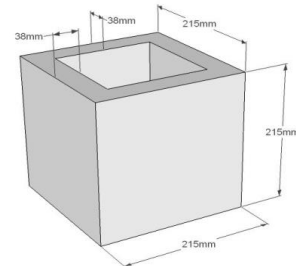


Declaration of Performance

DOP/CL/63936

7.5N 215mm Half Hollow E Block
Piercetown, Dunboyne Co.Meath



- 1. Unique Identification code of the product - type:** Code - 63936 - 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 - 0493)

7. Declared Performance

| Characteristic | Declared Performance | Harmonised Technical Specification |
|---|--|--|
| Dimensions | (L x W x H) 215mm, 215mm, 215mm | I.S. EN 772-16 |
| Dimensional Tolerances | Class D2 | I.S. EN 772-16 |
| Configuration | Category I, Group 2 unit | I.S. EN 1996-1-1 |
| Compressive Strength (Characteristic) | 7.5N/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 (λ_{10} ,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 |
| 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





0050

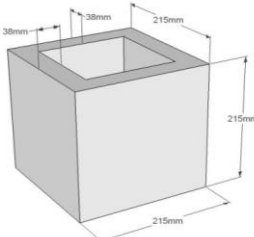
Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
16
0050 - CPR - 0493

EN 771-3

7.5N 215mm Half Hollow E Block

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

Piercetown, Dunboyne, Co.Meath

| | | |
|--|-------------------|--|
| Dimensions | Declared value | (L x W x H) 215mm, 215mm, 215mm |
| Dimensional Tolerances | Declared Category | Class D2 |
| Configurtion | Declared | Group 2 unit to I.S. EN 1996-1-1 |
| Compressive Strength | Characteristic | 7.5N/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 | 5/15 μ (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 | NPD (Not to be left exposed) |
| Dangerous Substances | Declared | NPD |