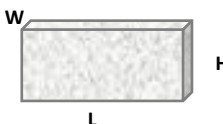


2026

## DECLARATION OF PERFORMANCE (DOP)

### Category 1 Aggregate Concrete Masonry Units No. MU018

#### 1. Unique identification of Product type:

| Description    | Mean Strength N/mm <sup>2</sup>                                                                                     | Dimensions (Length – Width- Height)<br>mm |       |        |
|----------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------|--------|
|                |                                                                                                                     | Length                                    | Width | Height |
| Concrete Brick | 15N/mm <sup>2</sup> (Capped)<br> | 200                                       | 100   | 65     |

2. **Type batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4) of the CPR:**

The production details are traceable by the delivery note.

3. **Intended use/s:**

IS EN 771-3 2011 & BS EN 771-3 2011 – Aggregate Concrete Masonry Units intended for use in load bearing or non-load bearing buildings and civil engineering end uses

4. **Manufacturer:**

Robinson Concrete, 86 Cumber Road, Claudy , Co Londonderry BT47 4JA.

5. **Authorized representative:**

Mr. Scott Robinson

6. **System of AVCP:**

System 2+

7. **Harmonized standard:**

EN 771-3 Specification for Masonry units Part 3: Aggregate Concrete Masonry Units (Dense & Lightweight aggregates)

8. **Notification certification body:**

NSAI

**9. Declared performance:**

| Essential characteristics                        | Declared Performance                                                                                                                                                                                                                                                                                                                                                                                                                                     | Technical Reference                       |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Dimensional Tolerance                            | D1                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SR325                                     |
| Configuration                                    | Group 1                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SR325                                     |
| Gross Density (Direct Airborne Sound Insulation) | 2050 kg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                   | EN 772-13                                 |
| Compressive Strength (Mean)                      | 15 N/mm <sup>2</sup> (Capped)                                                                                                                                                                                                                                                                                                                                                                                                                            | EN 772-1 & SR325                          |
| Unit Category                                    | Category 1                                                                                                                                                                                                                                                                                                                                                                                                                                               | Table 14 SR325                            |
| Direction of Load                                | Perpendicular to bed faces                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |
| Dimensional Stability – Moisture Movement        | <0.6mm/m                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 772-14                                 |
| Reaction To Fire                                 | Class A1                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Technical Guidance Document B-Fire Safety |
| Durability Against Freeze Thaw                   | <p>Suitable for use in:<br/> <b>Masonry Condition Situations A1,A2 &amp; A3</b> as outlined in Table 14 of S.R. 325:2013 + A2:2018. (Work below or near external ground level) - MX2. 1/2.2</p> <ul style="list-style-type: none"> <li>-Mean compressive strength <math>\geq 13</math> N/mm<sup>2</sup></li> <li>-Aggregate in accordance with I.S. EN 12620 and S.R 16</li> <li>-Mortar Strength Class M4 for A1, M6 for A2 &amp; M12 for A3</li> </ul> | SR325                                     |
| Shear Bond Strength                              | 0,15N/mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                    | (Tabulated Value)                         |
| Flexural Bond Strength                           | 0,5N/ mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                    | (Tabulated Value)                         |
| Water Absorption                                 | <10g/m <sup>2</sup> s                                                                                                                                                                                                                                                                                                                                                                                                                                    | EN 772-11                                 |
| Water Vapour Permeability                        | 5/15u                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EN 1745 Annex A (Tabulated Value)         |
| Thermal Resistance                               | 1.11 W/mK(,10, dry, )                                                                                                                                                                                                                                                                                                                                                                                                                                    | (Tabulated Value)                         |
| *Dangerous Substances                            | NPD                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |
| Deleterious material                             | Negligible                                                                                                                                                                                                                                                                                                                                                                                                                                               | SR 16:2016                                |

Signed for and on behalf of Robinson Concrete by:

Director

Place & date of issue:

86 Cumber Rd, Claudy 11-02-2026

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