

1. Unique identification code of the product-type:

Precast Concrete

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

Ash Walling

3. Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

Domestic and Commercial use in Walls, Columns and Partitions

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Marshalls, Brookfoot Works, Southowram, Halifax, West Yorkshire, HX3 9SY

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

7. In case of the declaration of performance concerning a construction product covered by a designated standard:

BS EN 771-5:2011

8. In case of the declaration of performance concerning a construction product for which a UK Assessment Document has been issued:

Not applicable

GB Declaration of Performance: MW-09

9. Declared performance

| Essential Requirement | Performance Value | Relevant Clause within EN 771-5:2011 |
|---|--|---------------------------------------|
| Dimensions and Dimensional Tolerances | D3 Length $\pm 3\text{mm}$ Width & Height $\pm 3\text{mm}$ | Clauses 5.2.1 & 5.2.2 BSEN 771-5:2011 |
| Configuration of units | Solid configuration without voids. | Clause 5.3.2 BSEN 771-5:2011 |
| Mean Compressive Strength Homogeneous Category 1 Units. Full Mortar Bed without voids. | $>50.96\text{N/mm}^2$ | Clause 5.5.1 BSEN 771-5:2011 |
| Dimensional Stability (Moisture Movement) | 0.83 mm/m | Clause 5.9 BSEN 771-5:2011 |
| Bond Strength | Shear Bond Characteristic Tested 0.18N/mm^2 | Clause 5.12 BSEN 771-5:2011 |
| | Flexural Bond Parallel Failure 0.32N/mm^2 Mortar Designation iii | |
| Reaction to Fire | Class A1 | Clause 5.11 BSEN 771-5:2011 |
| Water Absorption by Capillarity | 1.28 g/m^2 | Clause 5.11 BSEN 771-5:2011 |
| Water Vapour Permeability | Fine Face Walling $5/15\mu$ | Clause 5.10 BSEN 771-5:2011 |
| | Ash Walling $50/150\mu$ | |
| Direct Airborne Sound Insulation | Density 2.253Kg/m^3 Tolerance category D3 | Clause 5.4 BSEN 771-5:2011 |
| | Configuration | As above |
| | Dimension and tolerances | As Above |
| Thermal Resistance Tabulated values BS EN 772-13 | 1.16W/mk | Clause 5.6 BSEN 771-5:2011 |
| Durability against Freeze Thaw | F2 to EN772-22 | Clause 5.7 BSEN 771-5:2011 |

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:

Not applicable

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Marshall's Mono Ltd, Landscape House, Lowfields Business Park, Elland, West Yorkshire HX5 9HT

Registered in England: 509579

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, As it has effect in the United Kingdom” under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

A handwritten signature in black ink that reads "Simon Bourne".

Simon Bourne

Group Operation Director

Date: 9th June 2021

Place of Issue: Elland, Halifax