

*1. Unique identification code of the product-type:*

**Precast Concrete Bricks**

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

**Perforated Facing Brick to MF1 Padeswood Sand**

*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 Bricks and Masonry, Grove Works, Heol-Y-Splott, South Cornelly, Nr. Porthcawl, CF33 4RB**

*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 771-3:2011+A1: 2015**

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

**Not applicable**

9. Declared performance

| Essential Characteristics   | Performance Value  |   | Relevant Clause within EN 771-3:2011+A1:2015  |
|---|--|---|---|
| <b>Dimensions and Dimensional Tolerances</b>  | Length 215mm<br>Width 100mm<br>Height 65mm<br>Tolerance D1 |   | Clauses 5.2.1 & 5.2.2 BSEN 771-3:2011+A1:2015 |
| <b>Configuration (1)</b>  | Shape and Features   | NPD                                     | BSEN 771-3:2011+A1:2015                       |
|   | Group according to EN 1996-1-1 (EC6)                       | Group 1                                 |   |
| <b>Compressive Strength</b>   | Mean Compressive Strength                                  | >22.5N/mm <sup>2</sup>                  | Clause 5.5.1 BSEN 771-3:2011+A1:2015          |
|   | Direction of load  | Perpendicular to bed faces              |   |
|   | Unit Category  | Category 1                              |   |
| <b>Dimensional Stability (1)</b>  | <0.6mm/m   |   | Clause 5.9 BSEN 771-3:2011+A1:2015            |
| <b>Bond Strength</b>  | Shear bond strength  | 0.15N/mm <sup>2</sup> (Tabulated value) | Clause 5.12 & 5.13 BSEN 771-3:2011+A1:2015    |
|   | Flexural bond strength                                     | NPD                                     |   |
| <b>Reaction to Fire (2)</b>   | Class A1   |   | Clause 5.11 Commission Decision 2000/605/EC   |
| <b>Water Absorption (3)</b>   | <20g/m <sup>2</sup> /s <sup>0.5</sup>                      |   | Clause 5.11 BSEN 771-3:2011+A1:2015           |
| <b>Water Vapour Permeability (4)</b>  | 5/15μ (Tabulated value)                                    |   | Clause 5.10 BSEN 771-3:2011+A1:2015           |
| <b>Direct Airborne Sound Insulation (5) (in end conditions)/(Density and configuration)</b> | Gross density  | 1875Kg/m <sup>3</sup>                   | Clause 5.4 BSEN 771-3:2011+A1:2015            |
|   | Net Density  | 2050kg/m <sup>3</sup>                   |   |
|   | Configuration  | Group 1                                 |   |
| <b>Thermal Resistance</b>   | 1.28W/mk (@90%)  |   | Clause 5.6 BSEN 771-3:2011+A1:2015            |
|   | 1875Kg/M <sup>3</sup> Gross Density                        |   |   |
|   | Group 1  |   |   |
| <b>Durability against Freeze Thaw</b>   | Frost resistant  |   | Clause 5.7 BSEN 771-3:2011+A1:2015            |
| <b>Dangerous Substances</b>   | NPD  |   |   |

(1) For units intended to be used in elements subject to structural requirements

(2) For units intended to be used in elements subject to fire requirements

## GB Declaration of Performance: 21G175-20



Marshalls Mono Ltd, Landscape House, Lowfields Business Park, Elland, West Yorkshire HX5 9HT

Registered in England: 509579

- (3) For units intended to be used in damp proof courses or in external elements with exposed face
- (4) For units intended to be used in external elements
- (5) For units to be used in elements subject to acoustic requirements

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

### **Not applicable**

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, appearing to read "Simon Bourne".

Simon Bourne

Date: 10<sup>th</sup> January 2025

Chief Commercial Officer

Place of Issue: Elland, Halifax, UK