

*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):*

**Thistlestone**

*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, Roadmeetings, Carluke, South Lanarkshire, ML8 4QG**

*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+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 Requirement	Performance Value	Relevant Clause within EN 771-5:2011+A1:2015
<b>Dimensions and Dimensional Tolerances</b>	Length +3mm -5mm Width +3mm -5mm Height +3mm -5mm	Clauses 5.2.1 & 5.2.2 BSEN 771-5:2011+A1:2015
<b>Configuration of units</b>	Solid configuration without voids.	Clause 5.3.2 BSEN 771-5:2011+A1:2015
<b>Mean Compressive Strength Homogeneous Category 1 Units. Full Mortar Bed without voids.</b>	56.03N/mm <sup>2</sup>	Clause 5.5. BSEN 771-5:2011+A1:2015
<b>Dimensional Stability (Moisture Movement)</b>	0.57mm/m	Clause 5.9 BSEN 771-5:2011+A1:2015
<b>Bond Strength</b>	Shear Bond Characteristic Tested 0.22N/mm <sup>2</sup>	Clause 5.12 BSEN 771-5:2011+A1:2015
	Flexural Bond Parallel Failure >0.26N/mm <sup>2</sup> Mortar Designation iii	Clause 5.13 BSEN 771-5:2011+A1:2015
<b>Reaction to Fire</b>	Class A1	Clause 5.11 BSEN 771-5:2011+A1:2015
<b>Water Absorption by Capillarity</b>	< 1.43g/m <sup>2</sup>	Clause 5.8.1 BSEN 771-5:2011+A1:2015
<b>Water Vapour Permeability</b>	30/100µ	Clause 5.10 BSEN 771-5:2011+A1:2015
<b>Direct Airborne Sound Insulation</b>	Density 2.100Kg/m <sup>3</sup> Tolerance category D3	Clause 5.4 BSEN 771-5:2011+A1:2015
	Configuration	Clause 5.3.2 BSEN 771-5:2011+A1:2015 BSEN 771-5:2011+A1:2015
	Dimension and tolerances	Clause 5.2 BSEN 771-5:2011+A1:2015
<b>Thermal Resistance Tabulated values BS EN 772-13</b>	1.20W/mk @ P=50%	Clause 5.6 BSEN 771-5:2011+A1:2015
<b>Durability against Freeze Thaw</b>	F1 to EN772-22	Clause 5.7 BSEN 771-5:2011+A1:2015
<b>Dangerous Substances</b>	NPD	Clause 5.1.4 BSEN 771-5:2011+A1:2015

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

**Not applicable**

## GB Declaration of Performance: MW-08



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: 9<sup>th</sup> June 2021

Place of Issue: Elland, Halifax, UK