

Declaration of Performance: MW-02

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

Registered in England: 509579

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):

Heritage Walling

3. Intended use or uses of the construction product, in accordance with the applicable harmonised 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, West Lane Works, 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 harmonised standard:

BS EN 771-5:2011

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

Not applicable

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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.	$>20\text{N/mm}^2$	Clause 5.5.1 BSEN 771-5:2011
Dimensional Stability (Moisture Movement)	0.45mm/m	Clause 5.9 BSEN 771-5:2011
Bond Strength	Shear Bond Characteristic Tested 0.14N/mm^2	Clause 5.12 BSEN 771-5:2011 Clause 5.13 BSEN 771-5:2011
	Flexural Bond Parallel Failure 0.26N/mm^2 Mortar Designation iii	
Reaction to Fire	Class A1	Clause 5.11 BSEN 771-5:2011
Water Absorption by Capillarity	$< 9 \text{ g/m}^2$	Clause 5.8 BSEN 771-5:2011
Water Vapour Permeability	50/150	Clause 5.10 BSEN 771-5:2011
Direct Airborne Sound Insulation	Density 2.183Kg/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	1.62W/mk	Clause 5.6 BSEN 771-5:2011
Durability against Freeze Thaw	F1 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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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 under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

A handwritten signature in black ink, appearing to read "Simon Bourne".

Simon Bourne

Operations Director MLP

Date: 26th July 2017

Version History: Version 3, July 2018 issued due to change in requirements for DOP structure