

Declaration of Performance: MW-09



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):*

Ash 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, 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 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.	$>50.96\text{N/mm}^2$	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

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:

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A handwritten signature in black ink that reads "Simon Bugeja" followed by a horizontal line.

Simon Bugeja

Date: 21st February 2020

Manufacturing Director MLP

Place of Issue: Elland, Halifax

Version History: Version 5, February 2020, Issued due to new Test Data.