

## Declaration of Performance: CE-137



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):*

### **Frogged Dense Facing Brick (Tumbled)**

*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, 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 4**

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

### **BS EN 771-3:2011+A1: 2015**

*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 Characteristics	Performance Value		Relevant Clause within EN 771-3:2011+A1:2015
<b>Dimensions and Dimensional Tolerances</b>	Length 215mm Width 100mm Height 65mm 73mm 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	>22N/mm <sup>2</sup>	Clause 5.5.1 BSEN 771-3:2011+A1:2015
	Direction of load	Perpendicular to bed faces	
	Unit Category	Category 11	
<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>	<100g/m <sup>2</sup> /s <sup>0.5</sup>		Clause 5.11 BSEN 771-3:2011+A1:2015
<b>Water Vapour Permeability (4)</b>	30/100 (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	2200Kg/m <sup>3</sup>	Clause 5.4 BSEN 771-3:2011+A1:2015
	Configuration	Group 1	
<b>Thermal Resistance</b>	1.24W/mk (dry)		Clause 5.6 BSEN 771-3:2011+A1:2015
	2200Kg/M <sup>3</sup>		
	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

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- (2) For units intended to be used in elements subject to fire requirements
- (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 under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Simon Bourne

Date: 7<sup>th</sup> January 2021

Group Operations Director

Place of Issue: Elland, Halifax, UK

Version 2: Signatory Changed