



Declaration of Performance

1 Product code CE 181
 2 Product type Engineering Dense Brick
 3 Intended use In walls, columns and partitions
 4 Company name & contact address
 Marshalls Bricks & Masonry
 Landscape House,
 Lowfields Business Park,
 Elland, West Yorkshire HX5 9HT

5 Name & contact address of responsible person **4**
 6 System of Assessment & Verification of Constancy of Performance EN 771-3:2011+A1: 2015
 7 Harmonised n/a

Name and identification

Performed under n/a
 Under system n/a
 And issued n/a

8 European Technical Assessment n/a

9 Declared Performance

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions (1)	Length	215mm	EN 771-3:2011+A1: 2015
	Width	100mm	
	Height	65mm/73mm	
	Tolerance	D1	
	Shape & features	NPD	
	Group according EN 1996-1-1 (ECG)	Group 1	
Compressive strength (1)	Mean Compressive strength	>50N/mm ²	EN 771-3:2011+A1: 2015
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability (1)		<0.6mm/m	
Bond strength (1)	Shear bond strength	0.15N/mm ² (tabulated Value)	BS EN 998-2
	Flexural bond strength	NPD	EN 771-3:2011+A1: 2015
Reaction to fire (2)		A1	Commission Decision 2000/605/EC
Water absorption (3)		<50g/m ² /s0.5	EN 771-3:2011+A1: 2015
Water vapour permeability (4)		5/15 (Tabulated value)	EN 1745:2012
Direct airborne sound insulation (5)	Gross density	2200Kg/m ³	

(in end conditions)/ [Density and configuration]	Configuration; dimensions and tolerances	Group 1	EN 771-3:2011+A1: 2015
Thermal resistance/ [Density and configuration] (for units intended to be used in elements subject to thermal insulation requirements)		A 1.24w/Mk (dry)	EN 1745:2012
		2200Kg/m3	EN 771-3:2011+A1: 2015
		Group 1	
Durability against freeze/thaw		Frost resistant	EN 771-3:2011+A1: 2015 PD 6697
Dangerous substances		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
- (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

10 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

The 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
Group Operations Director

Date: 26th January 2021
Place of Issue: Elland, Halifax, UK