



## STONEMARKET

# CONSTRUCTION PRODUCTS REGULATIONS DECLARATION OF PERFORMANCE

### Relevant Harmonised Standard BSEN 771-5:2011

**Products**

Manufactured Stone Masonry Units in compliance with Category I of BS EN771-5 Annex ZA.  
 Carluke Red Walling

**Denomination**

Precast Concrete

**Uses** Domestic and Commercial use in Walls, Columns and Partitions. (see Marshalls Product Selector for brochure for guidance on applications)

<b>Factory Production Control Assessment Report Number</b>	<b>0086-CPR-586567</b>
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**Road Meetings, Carluke, ML8 4QG**

### Declared Performance

Essential Requirement	Performance Value	Relevant Clause within EN 771-5:2011
<b>Dimensions and Dimensional Tolerances (across planner surfaces)</b>	Length +3mm -5mm Width +3mm -5mm Height +3mm -5mm	Clauses 5.2.1 & 5.2.2 BSEN 771-5:2011
<b>Configuration of units</b>	Solid configuration without voids.	Clause 5.3.2 BSEN 771-5:2011
<b>Mean Compressive Strength Homogeneous Category 1 Units. Full Mortar Bed without voids.</b>	>20N/mm <sup>2</sup>	Clause 5.5.1 BSEN 771-5:2011
<b>Dimensional Stability (Moisture Movement)</b>	1.21mm/m	Clause 5.9 BSEN 771-5:2011
<b>Bond Strength</b>	Shear Bond Characteristic Tested >0.15N/mm <sup>2</sup>	Clause 5.12 BSEN 771-5:2011
	Flexural Bond Parallel Failure >0.26N/mm <sup>2</sup> Mortar Designation iii	Clause 5.13 BSEN 771-5:2011
<b>Reaction to Fire</b>	Class A1	Clause 5.11 BSEN 771-5:2011
<b>Water Absorption by Capillarity</b>	< 9 g/m <sup>2</sup>	Clause 5.11 BSEN 771-5:2011
<b>Essential Requirement</b>	<b>Performance Value</b>	<b>Relevant Clause within EN</b>

		<b>771-5:2011</b>
<b>Water Vapour Permeability</b>	5/15 $\mu$	Clause 5.10 BSEN 771-5:2011
<b>Direct Airborne Sound Insulation</b>	Density 2.100Kg/m <sup>3</sup> Tolerance category D3	Clause 5.4 BSEN 771-5:2011
	Configuration	As above
	Dimension and tolerances	As Above
<b>Thermal Resistance Tabulated values BS EN 772-13</b>	1.24W/mk @ P=50%	Clause 5.6 BSEN 771-5:2011
<b>Durability against Freeze Thaw</b>	F1 to EN772-22	Clause 5.7 BSEN 771-5:2011
<p><b>Products are offered in line with the requirements of Attestation Level 2+ as designated under the Construction Products Regulations (2011) Annex V for verification and constancy of performance</b></p> <p><b>Type testing, routine testing and Factory Production Control documents have been developed and issued for this series of products</b></p> <p><b>I Hereby declare that the products named above are in conformity with the essential requirements of the Construction Products Regulations and the following Standard when installed in accordance with Marshalls' installation guidelines.</b></p> <p><b>BSEN 771-5:2011</b></p>		

Signed:



Full name: Tom Poole

Position: Managing Director  
Group Operations

Date: 22<sup>nd</sup> January 2015