



CONSTRUCTION PRODUCTS REGULATIONS DECLARATION OF PERFORMANCE

BSI - 0086

Relevant Harmonised Standard		
BSEN 771-5:2011		
Products Manufactured Stone Masonry Units in compliance with Category I of BS EN771-5 Annex ZA. (Thistlestone, Braidwood Blue, Carluke Walling)		
Denomination Precast Concrete		
Uses Domestic and Commercial use in Walls, Columns and partitions. (see Marshalls Product Selector for brochure for guidance on applications)		
Factory Production Control Certificate Number	CPD 588683	
Paversystems, Road Meetings, Carluke, Lanarkshire, ML8 4QG		
Declared Performance		
Dimensions and Dimensional Tolerances (across planer surfaces)	Length + 3mm - 5mm Width + 3mm - 5mm Height + 3mm - 5mm	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.	>20N/mm ²	Clause 5.5.1 BSEN 771-5:2011
Dimensional Stability (Moisture Movement)	1.21mm/m	Clause 5.9 BSEN 771-5:2011
Bond Strength	Shear Bond Characteristic Tested $\geq 0.15\text{N/mm}^2$	Clause 5.12 BSEN 771-5:2011
	Flexural Bond Parallel Failure 0.26N/mm ² Mortar Designation iii	Clause 5.13 BSEN 771-5:2011
Reaction to Fire	Class A1	Clause 5.11 BSEN 771-5:2011
Water Absorption by Capillarity	$\leq 9 \text{ g/m}^2\text{s}$	Clause 5.11 BSEN 771-5:2011
Water Vapour Permeability	5/15 μ	Clause 5.10 BSEN 771-5:2011
Direct Airborne Sound Insulation	Density 2.100Kg/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	1.24 W/mK @ P=50%	Clause 5.6 BSEN 771-5:2011
Durability against Freeze Thaw	F1 to EN772-22	Clause 5.7 BSEN 771-5:2011

**Products are offered in line with the requirements of Attestation Level 2+ as designated under the Construction Products Regulations (2011) Annex V
Type testing, routine testing and Factory Production Control documents have been developed and issued for this series of products**

**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.
BSEN 771-5:2011**

Signed:

Full name: Tom Poole

Position: Managing Director
Group Operations

Date: 4th April 2014