

PLASMOR LIMITED - DECLARATION OF PERFORMANCE (No. 019_02)

- 1 Unique Identification of the product: **Architectural Masonry Solids**
- 2 Type, batch, or serial number for identification: **Architectural Masonry Solid**
- 3 Intended Use: **In walls, columns and partitions – Load and non-load bearing, exposed & protected**
- 4 Name & Address of the manufacturer
Plasmor Ltd
PO Box 44, Womersley Road
Knottingley
West Yorkshire
WF11 0DL 01977 673221 technical@plasmor.co.uk
- 5 System of Assessment / Attestation of conformity **2+**
- 6 Notified Factory production control for inspection, factory production control and continual surveillance:-
BSI Group
Davy Avenue,
Knowlhill
Milton Keynes MK5 8PP (reference 0086 – CPD - 590421)
- 7 Declaration of Performance

Essential Characteristic		Performance	Harmonised Standard
Dimensions	Length (mm)	Standard 440	BS EN 771-3 (2011)
	Height (mm)	Standard 215	
	Width (mm)	75 - 215	
Compressive Strength Category		Category 1	
Compressive Strength (mean)		17.50 N/mm ²	
Dimensional Stability (Shrinkage) tested to 772-14		=< 0.30mm/m	
Bond Strength	Shear tested to EN 1052-3	mean >= 0.35N/mm ²	
	Flexural	N.P.D.	
Reaction to Fire, no organic material		Euro Class A1	
Water Absorption by capillary, tested to BS EN 772-11		0.4 (g/m ² /s)	
Water Vapour diffusion coefficient, μ	Tabulated EN 1745 - Table A 3	5 / 15	
Gross Dry Density		2000 KG/m ³	
Configuration, see sketch attached		Group 1 Solid	
Dimensional Tolerances		Category D2	
Thermal Conductivity W/(m.K)	Tabulated EN 1745 - Table A 3	1.00	
	λ _{10,dry,mat} P = 50%		
Durability against Freeze Thaw		Pass ^{*1}	

*1 -Tabulated from PD 6697, Table 15 (c)

- 8 The performance of the products identified in points 1 & 2 is the conformity of the declared performance in point 7. This declaration is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on behalf of Plasmor Ltd



..... J.A.Slater (Managing Director)

Knottingley, West Yorkshire, June 2014