

PLASMOR LIMITED - DECLARATION OF PERFORMANCE (No. 020_02)

- 1 Unique Identification of the product: **140mm Architectural Masonry Multicore**
- 2 Type, batch, or serial number for identification: **140mm Architectural Masonry Multicore**
- 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

Dimensions	Length (mm)	Standard 440	BS EN 771-3 (2011)
	Height (mm)	Standard 215	
	Width (mm)	140	
Compressive Strength Category		Category 1	
Compressive Strength (mean)		10.40 N/mm ²	
Dimensional Stability (Shrinkage) tested to 772-14		=< 0.30mm/m	
Bond Strength	Shear tested to BS 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	
Sound Absorbtion Co-efficient	Tested, ISO 354	0.30 α_w	
Gross Dry Density		2000 KG/m ³	
Configuration, see sketch attached		Group 2 Cellular	
Dimensional Tolerances		Category D2	
Thermal Conductivity W/(m.K) <i>Based upon Mortar 0.32W/(m.K)</i> $\lambda_{10,dry,mat} P = 50\%$	Assessed on void content & tabulated values, EN 1745, Table A8 & B 32	0.48	
Durability against Freeze Thaw		Pass *1	

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

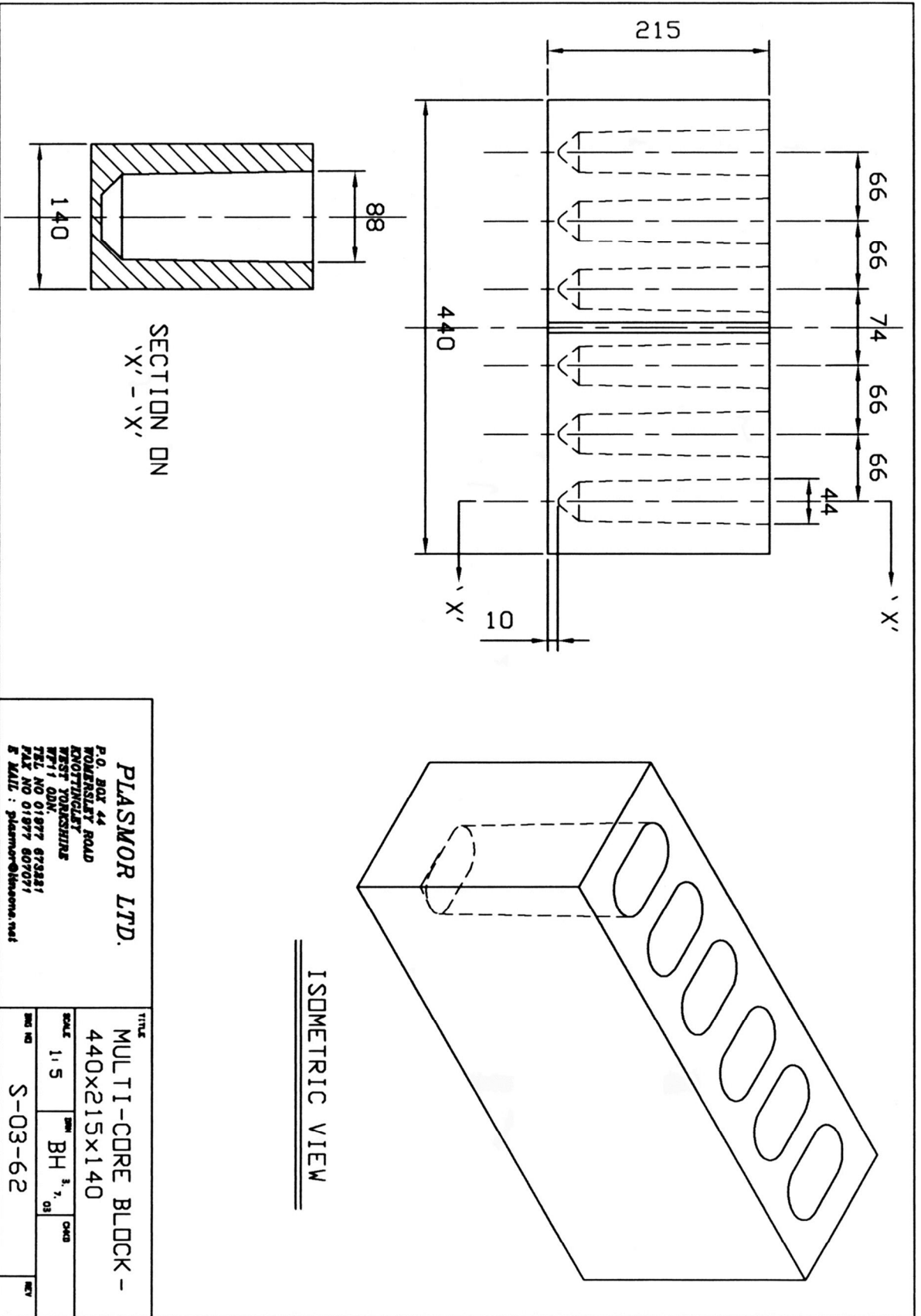
- 8 The performance of the products identified in points 1 & 2 is the conformity of the declared performance in point 7. This declaration is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on behalf of Plasmor Ltd



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

Knottingley, West Yorkshire, June 2014



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TITLE			
MULTI-CORE BLOCK -			
440x215x140			
SCALE	REV	DATE	CHKD
1:5	BH	3.7.03	
REV NO			REV
S-03-62			