

**PLASMOR LIMITED - DECLARATION OF PERFORMANCE (No. 002\_02)**

- 1 Unique Identification of the product: **Stranlite Standard & Paint-grade Hi Strength**
- 2 Type, batch, or serial number for identification: **Stranlite**
- 3 Intended Use: **In walls, columns and partitions – Load and non-load bearing**
- 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 **4**
- 6 Notified Factory production control for inspection, factory production control and continual surveillance:- **Not Applicable**
- 7 Declaration of Performance

Essential Characteristic		Performance	Harmonised Standard
Dimensions	Length (mm)	Standard 440	BS EN 771-3 (2011)
		Modular 390	
	Height (mm)	Standard 215	
		Modular 190	
Width (mm)	75 - 215		
Compressive Strength Category		Category 2	
Compressive Strength (mean)		17.5N/mm <sup>2</sup>	
		22.5N/mm <sup>2</sup>	
Dimensional Stability (Shrinkage)		=< 0.60mm/m	
Bond Strength	Shear (Tabulated BS EN 998)	0.15N/mm <sup>2</sup>	
	Flexural	N.P.D.	
Reaction to Fire		Euro Class A1	
Water Absorption		N.P.D.	
Water Vapour diffusion coefficient, $\mu$		Tabulated EN 1745 - Table A 8	5 / 15
Gross Dry Density			1600KG/m <sup>3</sup>
Configuration			Group 1 Solid
Dimensional Tolerances			Category D1
Thermal Conductivity W/(m.K)		Tabulated En 1745 - Table A 8	0.45
		$\lambda_{10,dry,mat} P = 50\%$	
Durability against Freeze Thaw			Not to be left exposed

- 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