

Declaration of performance

(No. 024_02)

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| 1 | Unique Identification of the product: | Stranlite Foundation Blocks |
| 2 | Type, batch, or serial number for identification: | Stranlite Foundation Blocks |
| 3 | Intended Use: | Civil Engineering, Load and non-load bearing |
| 4 | Name & Address of the manufacturer: | Plasmor Ltd
PO Box 44, Womersley Road
Knottingley
West Yorkshire
WF11 0DL

t: 01977 673221
e: 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 250/275* Weight Saver 215	BS EN 771-3 (2011)
	Height (mm)	Standard 140 Weight Saver 140	
	Width (mm)	Standard 300 Weight Saver 390	
Compressive Strength Category		Category 2	
Compressive Strength (mean)		7.3N/mm ² 10.4N/mm ²	
Dimensional Stability (Shrinkage)		=< 0.60mm/m	
Bond Strength	Shear (Tabulated BS EN 998)	0.15N/mm ²	
	Flexural	N.P.D.	
Reaction to Fire		Euro Class A1	
Water Absorption		N.P.D.	
Water Vapour diffusion coefficient, μ	Tabulated EN 1745 - Table A 8	5 / 15	
Gross Dry Density		1400 KG/m ³	
Configuration		Group 1 Solid	
Dimensional Tolerances		Category D1	
Thermal Conductivity W/(m.K)	Tabulated EN 1745 - Table A 8	0.37	
	$\lambda_{10,dry,mat P = 50\%$		
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

Plasmor Group of Companies
2023