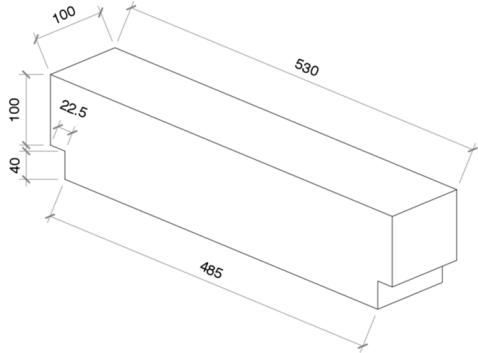


# DECLARATION OF PERFORMANCE

- 1 Unique Identification of the product: **BISONPM100W48 / BISONPM100W96**
- 2 Type, batch, or serial number for identification: **PM100W48 / PM100W96** **3.6N/mm<sup>2</sup>**
- 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 –<br>BS EN 771-3 (2011 + A1:2015)                  | Performance            | Image PM100W48 / PM100W96  |
|---|------------------------|--|
| Dimensions Length (mm)  | 530 / 485              |  |
| Dimensions Height (mm)  | 140                    |  |
| Dimensions Width (mm)   | 100                    |  |
| Compressive Strength Category   | Category 2             |  |
| Compressive Strength (mean)   | 3.6N/mm <sup>2</sup>   |  |
| Dimensional Stability (Shrinkage)   | =< 0.60mm/m            |  |
| Bond Strength Shear (Tabulated BS EN 998)                                   | 0.15N/mm <sup>2</sup>  |  |
| Bond Strength Flexural  | NPD                    |  |
| Reaction to Fire  | Euro Class A1          |  |
| Water Absorption  | N.P.D.                 |  |
| Water Vapour diffusion coefficient, $\mu$ Tabulated EN 1745 - Table A 6     | 5/15                   |  |
| Gross Dry Density   | 850 KG/m <sup>3</sup>  |  |
| Configuration   | Group 1 Solid          |  |
| Dimensional Tolerances  | Category D1            |  |
| Thermal Conductivity W/(m.K), EN1745 Tab A6, $\lambda_{10,dry,mat}$ P = 50% | 0.24                   |  |
| 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.

