

XPS PM

Extruded polystyrene XPS is the ideal product for the insulation of walls. XPS PM is a shorter board (1.25m) which allows a better manipulation in those zones where access is more difficult. This product has a tongued and grooved profile so that the boards interlock when being placed vertically on the wall.

Thermal Insulation XPS

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PACKAGING AND STORAGE

| Dimensions mm | Thikness mm | Boards per pack | m2 / per pack | m2 / per pallet |
|----------------------|-------------|--------------------|---------------|-----------------|
| 1250 x 600 (0,75 m2) | 30 | 14 boards per pack | 10.5 | 126 |
| 1250 x 600 (0,75 m2) | 40 | 10 boards per pack | 7.5 | 90 |
| 1250 x 600 (0,75 m2) | 50 | 8 boards per pack | 6 | 72 |
| 1250 x 600 (0,75 m2) | 60 | 7 boards per pack | 5.25 | 63 |
| 1250 x 600 (0,75 m2) | 80 | 5 boards per pack | 3.75 | 45 |
| 1250 x 600 (0,75 m2) | 100 | 4 boards per pack | 3 | 36 |

TECHNICAL PROPERTIES

| Properties | Value | Unit | Standard |
|---|------------------------|----------------|--------------------|
| Compressive strength 10% deformation | 250 | KPa | EN 826 |
| Thermal conductivity | 0,034 (30-60 mm) | W/m·K | EN 12667 |
| Thermal conductivity | 0,036 (> 60 mm) | W/m·K | EN 12939 |
| Water absorption | ≤0,7 | % volumen | EN 12087 |
| Reaction to fire | E | Euroclase | EN 13501-1 |
| Temperature limits | -50/+75 | °C | |
| Coefficient of linear thermal expansion | 0.07 | mm/m·K | |
| Capillarity | 0 | | |
| Thickness | 30,40, 50, 60, 80, 100 | mm | EN 822 |
| Length x Width | 2600x600 | mm | EN 822 |
| Surface finish | skin | | |
| Squareness | 5 | mm/m | EN 824 |
| Thickness tolerance | +2/-2 (< 50 mm) | mm | EN 823 |
| Thickness tolerance | +3/-2 (≥ 50 mm) | mm | EN 823 |
| Width tolerance | +/- 8 | mm | EN 822 |
| Length tolerance | +/- 10 | mm | EN 822 |

OTHER FEATURES

| Thickness (mm) | 30 | 40 | 50 | 60 | 80 | 100 |
|-----------------------------|-----|-----|-----|-----|-----|-----|
| Thermal resistance (m2.K/W) | 0.9 | 1.2 | 1.5 | 1.8 | 2.2 | 2.8 |

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