

XPS TR

Extruded polystyrene XPS is the ideal product for the insulation of roofs. In pitched roof applications, where the insulation goes directly below the tiles, the recommended product is XPS TR. This product has got a grooved surface to enable the tiles to be correctly laid with mortar. Its lap joint edge profile facilitates its placement on the roof.

APPLICATION

XPS TR is applied on pitched roofs under tiles:

- Finished in ceramic or cement tile.
- Finished with slate.

Thermal Insulation XPS

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PACKAGING AND STORAGE

| Dimensions mm | Thickness mm | Boards per pack | m ² / per pack | m ² / per pallet |
|-----------------------------------|--------------|--------------------|---------------------------|-----------------------------|
| 1250 x 600 (0,75 m ²) | 40 | 10 boards per pack | 7.5 | 90 |
| 1250 x 600 (0,75 m ²) | 50 | 8 boards per pack | 6 | 72 |
| 1250 x 600 (0,75 m ²) | 60 | 7 boards per pack | 5.25 | 63 |
| 1250 x 600 (0,75 m ²) | 80 | 5 boards per pack | 3.75 | 45 |
| 1250 x 600 (0,75 m ²) | 100 | 4 boards per pack | 3 | 36 |

TECHNICAL PROPERTIES

| Properties | Value | Unit | Standard |
|---|---------------------|-----------|------------|
| Compressive strength 10% deformation | 300 | 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 | | | |
| Dimensions | 40, 50, 60, 80, 100 | mm | EN 822 |
| Length x Width | 1250x600 | mm | EN 822 |
| Surface finish | skin, grooved | | |
| 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) | 40 | 50 | 60 | 80 | 100 |
|--|-----|-----|-----|-----|-----|
| Thermal resistance (m ² .K/W) | 1.2 | 1.5 | 1.8 | 2.2 | 2.8 |

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