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.

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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)	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	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	ºC	
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 (m2.K/W)	1.2	1.5	1.8	2.2	2.8

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