

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

TEXSA SYSTEMS SLU reserves the right to modify the information contained herein without prior notice and declines all liability in cases of errors produced due to inappropriate use of the product. The values shown in the technical sheet are the mean values from tests in our lab.

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

Thermal Insulation XPS

TEXSA SYSTEMS SLU reserves the right to modify the information contained herein without prior notice and declines all liability in cases of errors produced due to inappropriate use of the product. The values shown in the technical sheet are the mean values from tests in our lab.