

XPS SL

Extruded polystyrene XPS is the ideal product for the insulation of roofs. In the case of inverted flat roofs the recommended product is XPS SL which is placed on top of the waterproof layer. Apart from being an energy efficient application, the XPS helps to protect the waterproofing membrane from damage and UV degradation. XPS SL has got closed cell structure with a lap joint rebate to facilitate its placement on the roof.

APPLICATION

XPS SL is applied on:

- Inverted roofs, pitched roofs, and for restoration of these roofs
- Perimeter insulation for walls
- Load-bearing foundation slabs
- Forged steel, slabs and pavement
- Roads and railway lines

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)	30	14 boards per pack	10.5	126
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) 0,036 (> 60 mm)	W/m·K	EN 12667 EN 12939
Water absorption	≤0,7	% volumen	EN 12087
Reaction to fire	E	Euroclase	EN 13501-1
Temperature limits	-0.6666666666666666	°C	
Coefficient of linear thermal expansion	0.070000000000000001	mm/m·K	
Capillarity	0		
Surface finish	skin		
Squareness	5	mm/m	EN 824
Thickness tolerance	+2/-2 (C42< 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 (m ² .K/W)	0.9	1.2	1.5	1.8	2.2	2.8

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