

XPS CR

Extruded polystyrene XPS is the ideal product for the insulation of roofs. In pitched roof applications where the insulation boards do not support the tile weight, XPS CR is used. In these type of roofs timber battens are fitted between the insulation sheets of XPS. XPS CR has a straight edge profile.

APPLICATION

XPS SL is applied on:

- Vertical enclosures
- Insulation of facades

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)	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)	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	1250x600 / 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 (m ² .K/W)	0.9	1.2	1.5	1.8	2.2	2.8

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