

XPS 500

Extruded polystyrene XPS is the ideal product for the insulation of floors. For frames and floors which are subject to heavy loads such as garages and warehouses with heavy passing traffic, the most suitable product is XPS 500. This product has a lap joint edge profile that facilitates its placement on the floor.

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	500	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			
Thickness	40, 50, 60, 80, 100	mm	EN 822
Length x Width	1250x600	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)	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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