

XPS CB

Extruded polystyrene XPS is the ideal product for the insulation of walls. XPS CB is the recommended product to be used in front of beams and pillars to prevent thermal bridges and possible condensation. Its planed and grooved surface makes it easier to fix by glueing and provides a key to plaster on.

Thermal Insulation XPS

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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)	30	14 boards per pack	10.5	126
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	0,034 (30-60 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	30,40, 50, 60, 80, 100	mm	EN 822
Length x Width	1250x600	mm	EN 822
Surface finish	Planed		
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 (m2.K/W)	0.9	1.2	1.5	1.8	2.2	2.8

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