




Technical properties:

Properties	Value	Unit	Standard
Compressive strength 10% deformation	250	KPa	EN 826
Thermal conductivity (10°C)	0,034 (30-60 mm) 0,036 (> 60 mm)	W/m·K	EN 12667 EN 12939
Water absorption	≤0,7	% volume	EN 12087
Reaction to fire	E	Euroclasse	EN 13501-1
Temperature limits	-50/+75	°C	
Coefficient of linear thermal expansion	0,07	mm/m·K	
Capillarity	0		
Dimensions	30,40,50,60 & 80	mm	EN 823
	1250x600	mm	EN 822
Surface finish	skin		
Squareness	5	mm/m	EN 824
Thickness tolerance	+2/-2 (< 50 mm) +3/-2 (≥ 50 mm)	mm	EN 823
Width tolerance	+/- 8	mm	EN 822
Length tolerance	+/- 10	mm	EN 822
Edge profile	 tongue and groove		



XPS CW

Thermal properties:

Thickness (mm)	Thermal resistance (m ² .K/W)
30	0,90
40	1,20
50	1,50
60	1,80
80	2,25

Technical data sheet- FT_INSES101-1_b - november 2017