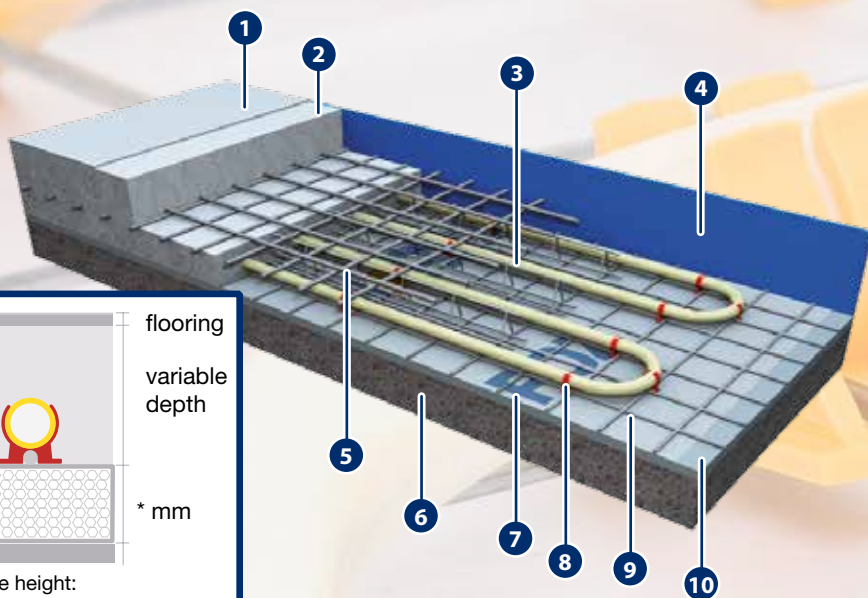


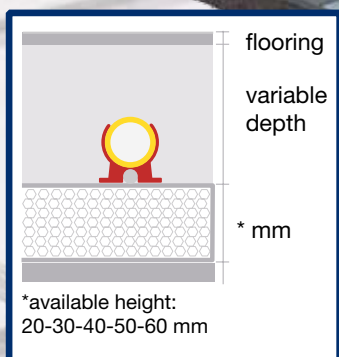
SMOOTH EXTRUDED PANEL XL WITH TONGUE-GROOVE EDGE 300 KPA

Insulating panels made of extruded expanded polystyrene, produced with ecological gas, without CFC and HCFC, conforming to the European regulations EC 2037/2000. They have a closed-cell structure and react to fire according to Euroclass E.

Compressive strength with 10% of deformation: 300 kPa.



- 1 Quartz
- 2 Concrete
- 3 PE-Xc pipe Ø 20 o Ø 25
- 4 Insulation edge
- 5 Reinforced mesh
- 6 Fixed rolled screed
- 7 Nylon
- 8 Industry clips
- 9 Pipe supporting mesh Ø 6 mm
- 10 Smooth extruded panel



Size (mm)	Code
1250x600x30	1130230
1250x600x40	1130240
1250x600x50	1130250
1250x600x60	1130260

Features	Symbol	30	40	50	60	Unit
Declarations according to EN 13164						
Length		1250				mm
Width		600				mm
Thickness	dN	30	40	50	60	mm
Dimensional tollerances	T	1				
Thermal conductivity	λ_b	0,034	0,032	0,034		W / m·K
Thermal resistance	R_b	0,90	1,25	1,50	1,80	m ² ·K/W
Compressive strength	CS(10\Y)	≥ 300				kPa
Tensile strength perpendicular to faces	TR	NPD				
Reaction to fire	Euroclass	E				
Continuous glowing combustion		NPD				
Acoustic absorption index		NPD				
Long term water absorption by total immersion	WL(T) 0,7	< 0,7				Vol. %
Long term water absorption by diffusion	WD(V) 3	< 3				Vol %
Water vapor diffusion resistance factor	μ	100				
Compressive creep	CC (2/1,5/50)	130				kPa
Durability of reaction to fire against: heat, weathering, ageing/degradation		The reaction to fire performance of XPS does not change with time				
Freeze-thaw resistance after long term water diffusion test	FTCD1	≤ 1				Vol %
Freeze/thaw resistance after long term water absorption by total immersion	FTCI	NPD				
Dimensional stability under specified temperature and humidity conditions	DS(70,90)	≤ 5				%
Deformation under specified compressive load and temperature conditions	DLT(2)5	≤ 5				%
Unique identification code of the product-type: XPS -EN 13164-T1- DS(70,90)- DLT(2)5- CS(10\Y)300-CC(2/1,5/50)130- WD(V)3- WL(T)0,7- MU100- FTCD1						