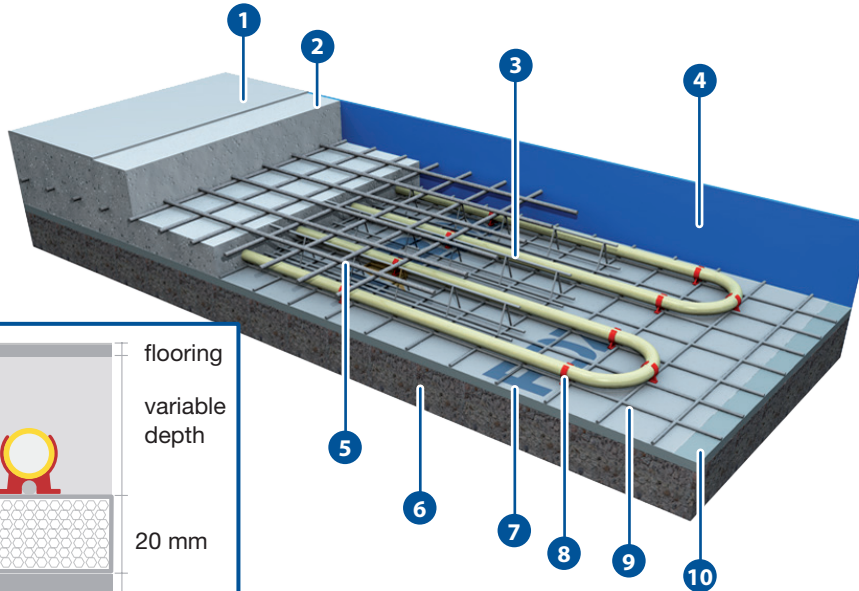


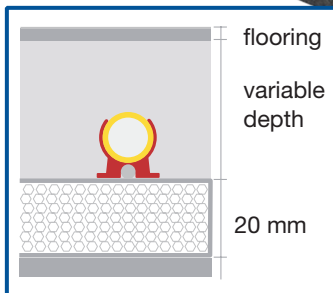
TECHNICAL DATA SHEET



Extruded polystyrene foam insulation board produced using environmentally friendly, CFC- and HCFC-free gases, in accordance with European regulation EC 2037/2000, with thermoplastic properties and a closed-cell structure, which gives the product excellent thermal and mechanical properties. The panel has excellent insulating properties and thanks to its low thermal conductivity and therefore high thermal resistance, it provides optimal thermal insulation, allowing for high energy savings.



- 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 20 mm smooth extruded panel



Size (mm)	Code
1250x600x20	1030220

FEATURES	SYMBOL	VALUE	UNIT
Declarations according to EN 13164			
Length		1250	mm
Width		600	mm
Thickness	dN	20	mm
Dimensional tolerances	T	1	
Thermal conductivity	λ_D	0,032	W/(m·K)
Thermal resistance	R_D	0,60	(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	NPD	
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			

