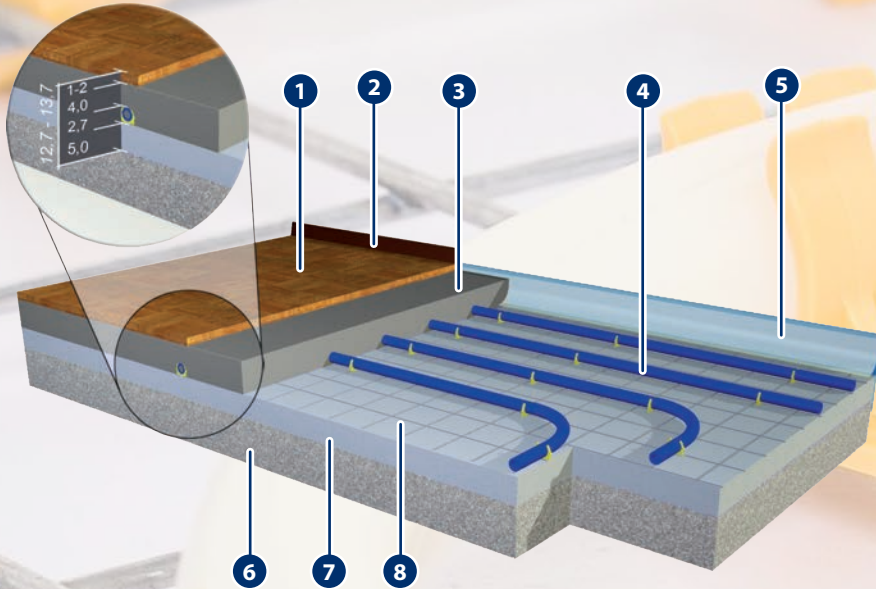


## EXTRUDED SMOOTH INSULATING PANEL

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



- 1 Flooring
- 2 Skirting board
- 3 Concrete
- 4 PE-Xc pipe Ø17-13
- 5 Perimeter belt
- 6 Structural base + levelling
- 7 Smooth Extruded Panel 20 mm
- 8 3-mm wire mesh

Size (mm)	Code
1250x600x20	1030230

FEATURES	SYMBOL	VALUE	UNIT	STANDARD
Necessary Length	L1	1250	mm	UNI EN 822
Necessary Width	W1	600	mm	UNI EN 822
Total Thickness	T4	20	mm	UNI EN 823
Compressive stress at 10% deformation	CS(10)	400	kPa	UNI EN 826
Thermal conductivity at 10 °C	$\lambda_b$	0.037	W/(m·K)	UNI EN 13163
Thermal resistance	$R_b$	0.50	(m <sup>2</sup> ·K)/W	UNI EN 13163
Water vapour resistance factor	$\mu$ (MU)	150		UNI EN 12086
Dimension stability 48h/70°C	DS(70,-)	≤ 0.5	%	UNI EN 1604
Reaction to fire		E	Euroclass	UNI EN 13501-1
Long term water absorption by diffusion	WD(V)	≤ 5	%	UNI EN 12088
Long-term water absorption by total immersion	WL(T)	≤ 0.7	%	UNI EN 12087
Max operating temperature		70	°C	
Weight		450	g	
Specific heat	C	1450	J/kg·°k	UNI EN 10456
<b>Declaration according to UNI EN 13164</b>				
Class: 400				
Unique identification code: XPS-UNI EN 13164:2015-T1-CS(10)Y400-DLT(2)5-DS(70,90)-WL(T)0,7-WD(V)3-FTCD1-MU150				

