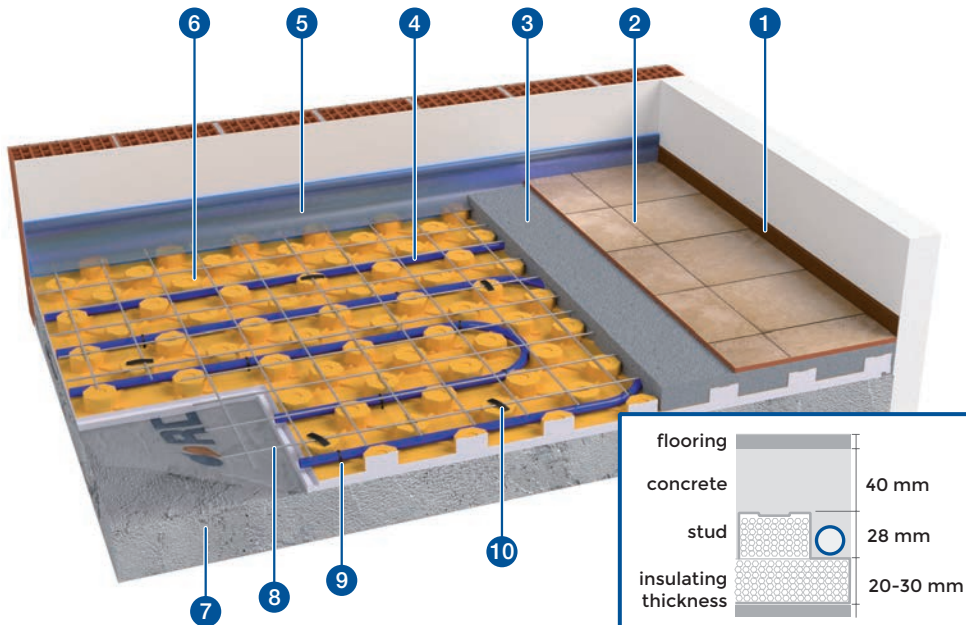


TECHNICAL DATA SHEET



It is a waterproof panel, made of moulded expanded polystyrene (according to UNI 13163), which has high mechanical resistance. It is combined with a special plastic film in order to protect it from humidity and to improve its resistance to the deformations of the walking surface. These panels are provided with a tongue along the perimeter to connect them for proper alignment. They have a moulded surface with reliefs of 28 mm, so that the cross-linked polyethylene pipes (Ø17 mm) can be fitted into the tabs of the panel at intervals of 8,3 cm or multiples.



- 1 Skirting board
- 2 Flooring
- 3 Concrete
- 4 Pipe PE-Xc 17-13
- 5 Plus Perimeter belt
- 6 Cover Panel
- 7 Structural base + levelling
- 8 Anti-shrinkage mesh
- 9 Hook clips
- 10 Clip 75

Size (mm)	Code
1161x663x20	1056020
1161x663x30	1056030

FEATURES	SYMBOL	20 mm	30 mm	UNIT	STANDARD
Necessary Length	L1	1161		mm	UNI EN 822
Necessary Width	W1	663		mm	UNI EN 822
Total Thickness	T4	48	58	mm	UNI EN 823
Insulation thickness		20	30	mm	
Equivalent thickness		28,96	38,97	mm	UNI EN 1264/3
Compressive stress at 10% deformation	CS(10)	120		kPa	UNI EN 826
Compressive stress at 5% deformation		115		kPa	
Compressive stress at 2% deformation		82		kPa	
Thermal conductivity at 10 °C	λ_b	0,035		W/(m·K)	UNI EN 13163
Thermal resistance	R_b	0,55	0,85	(m ² ·K)/W	UNI EN 1264:2021
Water vapour resistance factor	μ (MU)	30 ÷ 70			UNI EN 12086
Dimension stability 48h/70°C	DS(70,-)	≤ 0,5		%	UNI EN 1604
Reaction to fire class		F		Euroclass	UNI EN 13501-1
Water absorption by partial immersion	Wlp	0,5		kg/m ²	UNI EN 12087
Long-term water absorption by total immersion	WL(T)	≤ 3		%	UNI EN 12087
Max operating temperature		70		°C	
Weight		640	780	g	
Specific heat	C	1450		J/kg·°k	UNI EN 10456
HIPS Foil thickness		150		µm	
Declarations according to UNI EN 13163					
Class: 120					
Unique identification code of the product-type: EPS-EN 13163-T2-L3-W3-S2-P5-BS 170-CS(10)120-DS(70,-)1-WL(T)3-MU(30-70)					