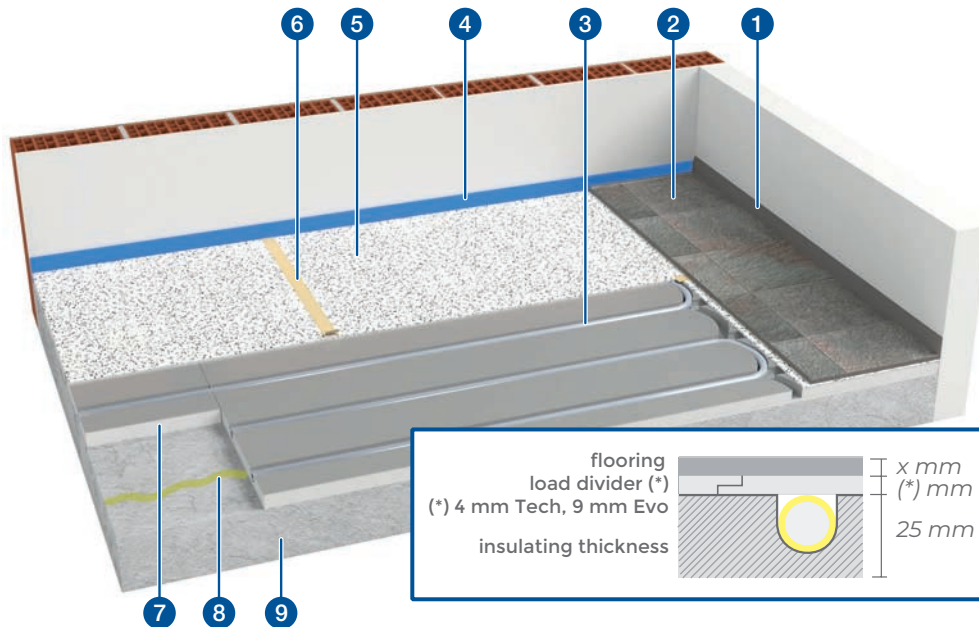


## TECHNICAL DATA SHEET



Panel made of sintered expanded polystyrene complying with UNI EN 13163, precoupled with a heat-diffusing layer in aluminium with grooves for support the pipe. Pipe spacing: 15cm



- 1 Skirting board
- 2 Flooring
- 3 Multilayer pipe Ø 16
- 4 Slim 5 Perimeter belt
- 5 Tech load divider
- 6 Scotch tape
- 7 e-Dry panel
- 8 Isocoll 160
- 9 Structural base + levelling

Size (mm)	Code
1200x750x25	1201006

CHARACTERISTICS	LEVEL/CLASS	VALUE	UNIT	STANDARD
Standard classification	CLASS	300		
Necessary length	L(3)	1200 (± 3)	mm	UNI EN 13163: 2015
Necessary width	W(3)	750 (± 3)		
Total thickness	T(2)	25 (± 2)		
Equivalent thickness		7		
Insulation base thickness		22,44		
Orthogonality	S(2)	± 2	mm/m	
Flatness	P(5)	5		
Panel weight (polystyrene only)		790	g	
Weight of complete panel with aluminium		1350	g	
Density		40	g/l	
Thermal conductivity 10 °C		$\lambda_p$ 0,032	W/(m·K)	
Calculated thermal resistance equivalent thickness		$R_p$ 0,70	(m <sup>2</sup> ·K)/W	
Resistance to compression with 10% deformation	CS(10)300	300	kPa	
Water vapour diffusion resistance factor		$\mu = 40 \div 100$		
Long-term water absorption by total immersion	WL(T) 6	≤ 6	%	
Water vapour permeability		$\delta = 0,006 \div 0,015$	mg/(Pa·h·m)	
Fire reaction of the product as placed on the market		Euroclass E		
Dimension stability 23 °C, 50% R.H.	DS(N)2	± 0,2	%	
Reaction to fire		Euroclass E		
Max. operating temperature		70	°C	

**Unique identification code of the product-type according to UNI EN 13163**

CLASS 300 - EPS-UNI EN 13163:2015-T2-L3-W3-S2-P5-BS450-CS(10)300-WL(T)6-MU(40-100)

