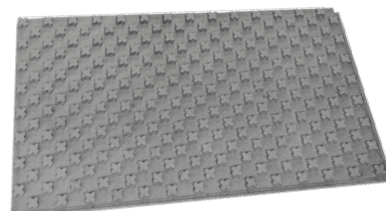
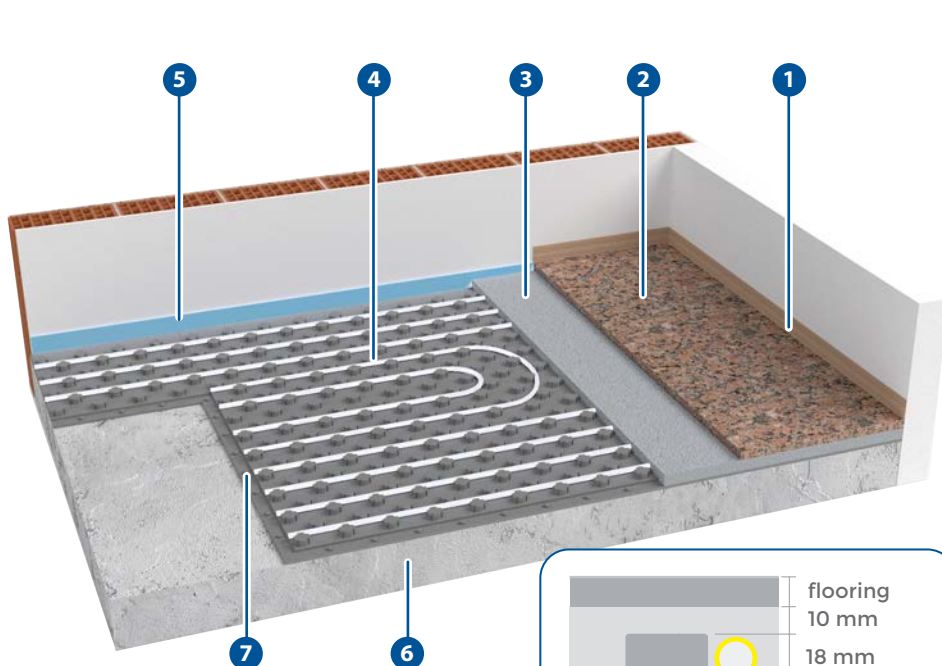


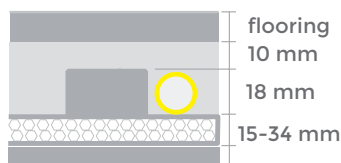
TECHNICAL DATA SHEET



Neo Super D17 studded panel made of sintered expanded polystyrene with graphite complying with UNI EN 13163. It's characterized by an high compressive strength (500 kPa). Thermal conductivity: 0,030 W/(m·K). Equipped with grooves on all four sides for optimal coupling and a moulded surface with 18 mm reliefs to accommodate PE-Xa pipes Ø 17-13 mm at multiple centre distances of 5 cm. Dimensions: 1400x800 x 15/34 mm.



- 1 Skirting board
- 2 Flooring
- 3 Concrete
- 4 PE-Xa pipe Ø 17 mm
- 5 Perimeter belt slim 9
- 6 Stable, solid and planar subfloor
- 7 Neo Super D17 panel



Thickness	Code
15 mm	1500315
34 mm	1500334

CHARACTERISTICS	SYMBOL	15 mm	34 mm	UNIT	STANDARD
Necessary length	L3	1400		mm	UNI EN 13163:2017
Necessary width	W3	800		mm	
Total thickness	T2	33	52	mm	
Insulation base thickness		15	34	mm	
Equivalent thickness		20	39	mm	
Resistance to compression with 10% deformation	CS(10)	500		kPa	
Thermal conductivity 10 °C	λ_{D}	0,030		W/(m•K)	
Thermal resistance	R_{D}	0,50	1,10	(m²•K)/W	
Water vapour diffusion resistance factor	μ (MU)	100 ÷ 160			
Water vapour permeability	δ	0,004 ÷ 0,007		mg/ (Pa•h•m)	
Dimension stability 48 h / 70 °C	DS(70,-)	< 1		%	
Fire reaction		E		Euroclass	
Long-term water absorption by total immersion	WL(T)	≤ 5		%	
Limit of operating temperature		70		°C	
EPS panel weight		1150 (± 7%)	2440 (± 7%)	g	
Specific heat	C	1450		J/kg•°k	
Class: EPS 500					
Declaration according to UNI EN 13163		EPS-UNI EN 13163:2017-L3-W3-T2-CS(10)500-WL(T)5-MU(100-160)			

