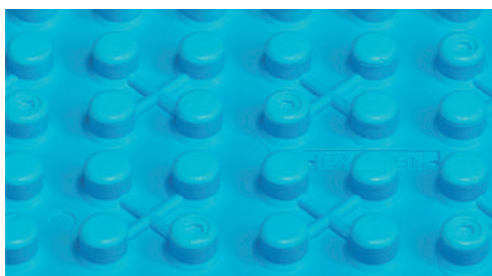


Floor system

Insulating panels



Standard Floor insulating panel

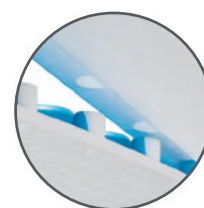
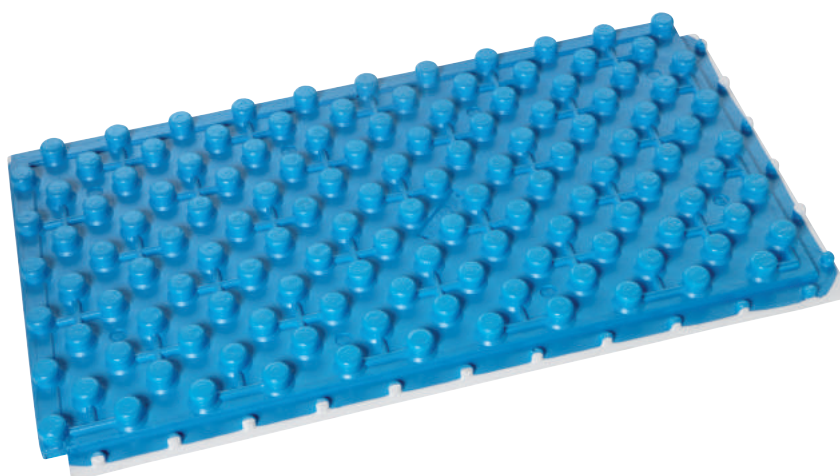
Size	Density	Pack m ²	Code
1100 x 600 x 32 / H10	40 kg/m ³	14,52	28130079
1100 x 600 x 48 / H20	30 kg/m ³	7,92	28134060
1100 x 600 x 63 / H30	30 kg/m ³	6,6	28134050

Panel in expanded polystyrene (EPS) printed for thermal insulation, with surface bosses and cylindrical edges, clad in a rigid polystyrene film. Pipe spacing 5 cm.



UNI EN 13163

Technical data	Norm	Model H10	Model H20	Model H30
Type	UNI EN 13163	EPS 250	EPS 200	EPS 200
Density	UNI EN 1602	40 kg/m ³	30 kg/m ³	30 kg/m ³
Compression resistance at 10% of crushing	UNI EN 826	≥ 250 kPa	≥ 200 kPa	≥ 200 kPa
Thermal conductivity λ_D (λ_{ins})	EN 12939 (UNI EN 1264)	0,034 W/mK	0,035 W/mK	0,035 W/mK
Thermic resistance R_D	EN 12939	0,45 m ² K/W	0,75 m ² K/W	1,05 m ² K/W
Thermal resistance $R_{\lambda^* ins}$ (S_{ins}/λ_{ins^*})	UNI EN 1264	0,45 m ² K/W	0,75 m ² K/W	1,05 m ² K/W
Class to reaction to fire	UNI EN ISO 11925	Euroclass E	Euroclass E	Euroclass E
Water absorption	EN 12087	< 5%	< 5%	< 5%
Resistance factor diffusion of water vapor μ	EN 12086	40 ÷ 100	40 ÷ 100	40 ÷ 100
Slab thickness		10 mm	20 mm	30 mm
Equivalent thickness S_{ins}	UNI EN 1264	15,78 mm	27,03 mm	37,03 mm
Total length		1135 mm	1135 mm	1135 mm
Total width		635 mm	635 mm	635 mm
Total thickness		32 mm	48 mm	63 mm
Coating film thickness		0,16 mm	0,16 mm	0,16 mm
Pipe spacing		50 mm	50 mm	50 mm
External Ø of installing pipes		16-17 mm	16-17 mm	16-17 mm
Pack		14,52 m ²	7,92 m ²	6,6 m ²



H = 10/20/30 mm