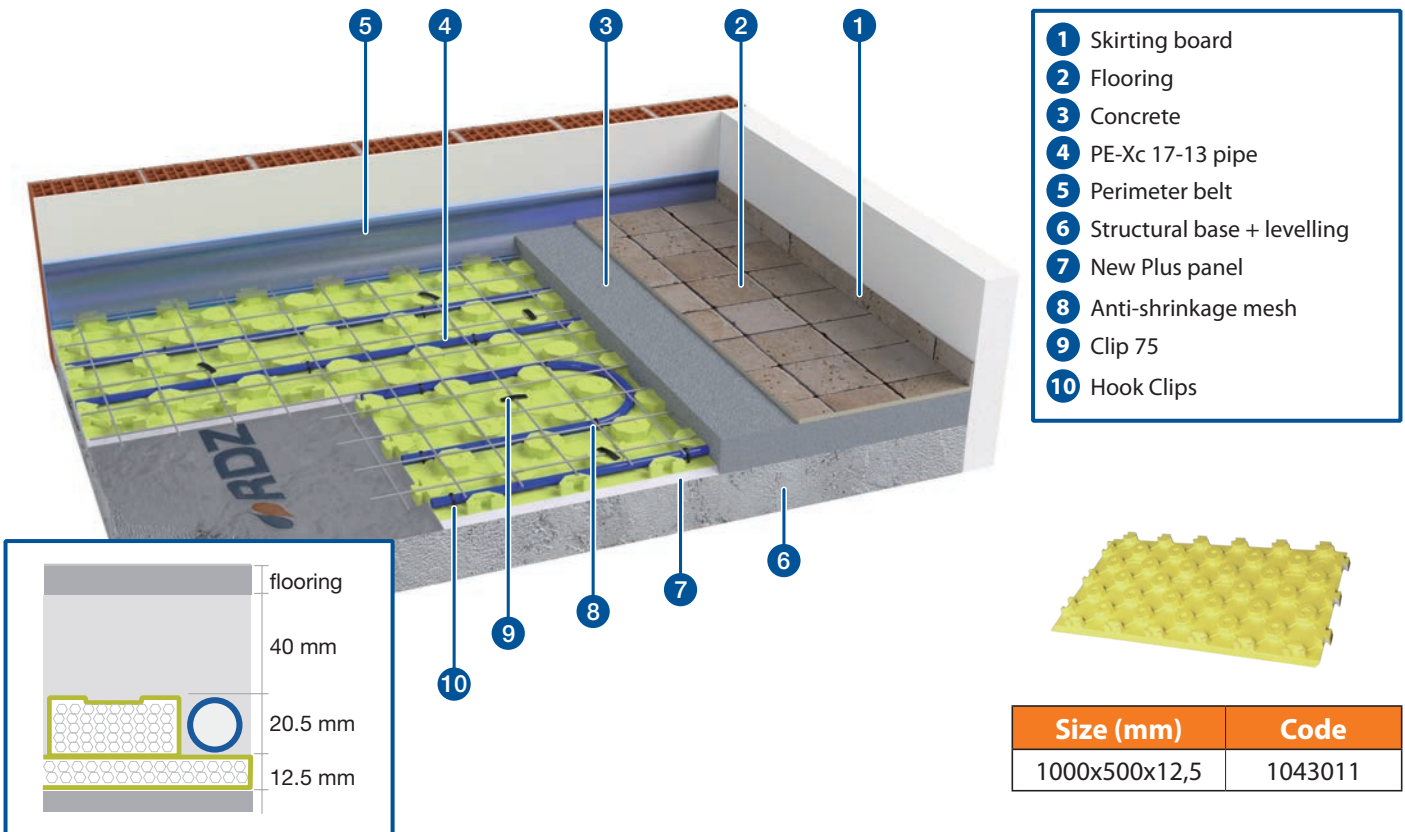


TECHNICAL DATA SHEET



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 20.5 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.



Size (mm)	Code
1000x500x12,5	1043011

FEATURES	VALUE	UNIT	STANDARD
Size of the panel:	1000x500x12,5	mm	UNI 822
Standard thickness:	33	mm	UNI 823
Thickness of the insulating base:	12,5	mm	
Thermal conductivity 10 °C:	0,033	W/(m · K)	UNI EN 12667
Resistance to compression with 10% deformation:	250	kPa	UNI 826
Resistance to compression with 5% deformation:	180	kPa	UNI 826
Resistance to compression with 2% deformation:	130	kPa	UNI 826
Thermal resistance:	0,35	(m ² · K)/W	UNI EN 1264:2021
Equivalent total thickness:	18	mm	UNI EN 1264-3
Water vapour diffusion resistance factor	40 a 100	1	UNI EN 12086
Limit of operating temperature	70	°C	
Thickness of the combined film:	150	µm	
Resistance to fire:	F	Euroclass	EN ISO 11925-2
Declaration according to EN 13163	EPS-EN13163-T1-L1-W1-S2-P4-BS350-CS(10)250-DS(70,-)1-WL(T)3-MU(40-100)		