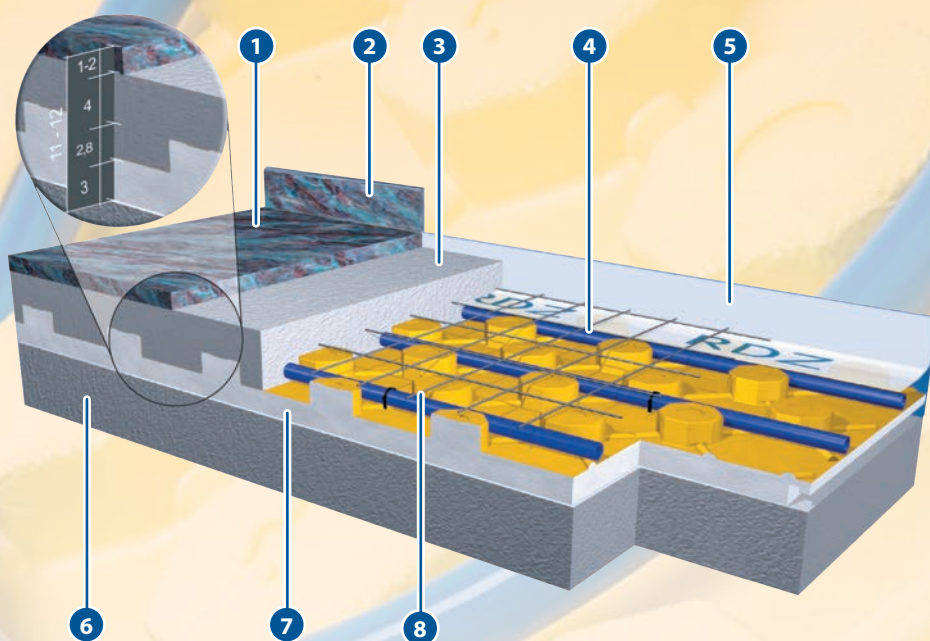


RDZ TECHNICAL SHEET

9120020.05 04/2013

COVER 20/30/40 PANEL

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 Flooring
- 2 Skirting board
- 3 Concrete
- 4 Pipe PE-Xc 17-13
- 5 Perimeter belt
- 6 Structural base + levelling
- 7 COVER Panel 30 mm
- 8 Anti-shrinkage mesh

Size (mm)	Code
1161x663x20	1056020
1161x663x30	1056030
1161x663x40	1056040
1161x663x50	1056050
1161x663x61,5	1056060

FEATURE	VALUE	UNIT	STANDARD
Size of the panel:	1161x663x20/30/40/50/61.5	mm	UNI 822
Standard thickness:	48/58/68/78/89.5	mm	UNI 823
Thickness of the insulating base:	20/30/40/50/61.5	mm	
Thermal conductivity at 10 °C:	0.035	W/(m · K)	UNI EN 12667
Resistance to compression with 10% deformation:	120	kPa	UNI 826
Resistance to compression with 5% deformation:	115	kPa	UNI 826
Resistance to compression with 2% deformation:	82	kPa	UNI 826
Thermal resistance:	0.80/1.10/1.35/1.65/2.00	(m ² · K)/W	UNI EN 13163
Equivalent total thickness:	29/39/48.9/58.7/70.1	mm	UNI EN 1264-3
Water vapour diffusion resistance factor	30 a 70	1	UNI EN 12086
Limit of operating temperature:	70	°C	
Trampling noise reduction:	19/21/nd/nd/nd	dB	EN ISO 717/2
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-BS170-CS(10)120-DS(70,-)1-WL(T)3-MU(30-70)		