

RDZ TECHNICAL SHEET

9120077.03 04/2013



INDUSTRIAL SHAPED PANEL 20

It is a waterproof panel, made of moulded expanded polystyrene (according to UNI 13163), which has high mechanical resistance. 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 (Ø20 mm) can be fitted into the tabs of the panel at intervals of 8.3 cm or multiples.



Size (mm)	Code
1170x837x20	1040240

FEATURE	VALUE	UNIT	STANDARD
Size of the panel:	1170x837x20	mm	UNI 822
Standard thickness:	47	mm	UNI 823
Thickness of the insulating base	20	mm	
Thermal conductivity at 10 °C	0.033	W/(m · K)	UNI EN 12667
Resistance to compression with 10% deformation	200	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:	0.80	(m ² · K)/W	UNI EN 13163
Equivalent total thickness:	26.5	mm	UNI EN 1264-3
Water vapour diffusion resistance factor	40 to 100	1	UNI EN 12086
Limit of operating temperature:	70	°C	
Resistance to fire:	F	Euroclass	EN ISO 11925-2
Declaration according to EN 13163	EPS-EN13163-T1-L1-W1-S2-P4-B5250-CS(10)200-DS(70,-)1-WL(T)3-MU(40-100)		