

RDZ TECHNICAL SHEET

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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) | | |