# BASIC

INSULATING COVERED PANEL
INTERVAL 50 MM

| Physical characteristics: properties | Acronym | Standard | Mod. H 10 mm | Mod. H 20 mm |
|---|---|---|---|---|
| Type | | UNI EN 13163 | EPS 250 | EPS 200 |
| Thermal conductivity | $\lambda_D$ ($\lambda_{ins}$) | UNI EN 12667 (UNI EN 1264-3) | 0,032 W/mK | 0,033 W/mK |
| Density | | UNI EN 1602 | 40 kg/m³ | 30 kg/m³ |
| Resistance to compression at 10% of crushing | | UNI EN 826 | ≥ 250 kPa | ≥ 200 kPa |
| Class of reaction to fire | | UNI EN 13501-1 | Euroclass E | Euroclass E |
| Water absorption | | UNI EN 12087 | < 5% | < 5% |
| Water vapour diffusion resistance factor | μ | UNI EN 12086 | 40÷100 | 40÷100 |
| Coating sheet thickness | | | 0,16 mm | 0,16 mm |

| Technical data | Acronym | Standard | Mod. H 10 mm | Mod. H 20 mm |
|---|---|---|---|---|
| Thermal resistance | $R\lambda_{,ins}$ ($S_{ins}$ / $\lambda_{ins}$) | UNI EN 1264-3:2021 | 0,30 m² K/W | 0,60 m² K/W |
| Total length | | | 1135 mm | 1135 mm |
| Total width | | | 635 mm | 635 mm |
| Total thickness | | | 32 mm | 48 mm |
| Sheet thickness $S_{ins}$ | | UNI EN 1264-3 | 10 mm | 20 mm |
| Useful surface | | | 0,66 m² | 0,66 m² |
| Pipe spacing | | | 50 mm | 50 mm |
| External ∅ of installable pipes (mm) | | | 16 - 17 mm | 16 - 17 mm |

GP 2015
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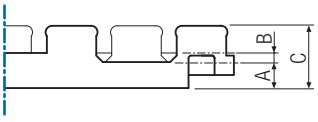
Panel in pressed expanded polystyrene (EPS), with surface bosses and tongue-and-groove edges, clad in a film of rigid polystyrene. Pipe spacing 5 cm.




| CODE | Size | Useful thickness | Density | A mm | B mm | C mm | Pack m² | Pallet m² |
|---|---|---|---|---|---|---|---|---|
| **9910P563** | 1.100 x 600 x 32 | (H) 10 mm | 40 kg/m³ | 10 | 2 | 32 | 14,52 | 72,6 |
| **9910P569** | 1.100 x 600 x 48 | (H) 20 mm | 30 kg/m³ | 20 | 7 | 48 | 9,24 | 92,4 |

For dimensions, panel sections and minimum overall dimensions of the system for civil buildings, see Technical Annexes Section.

CE UNI EN 13163