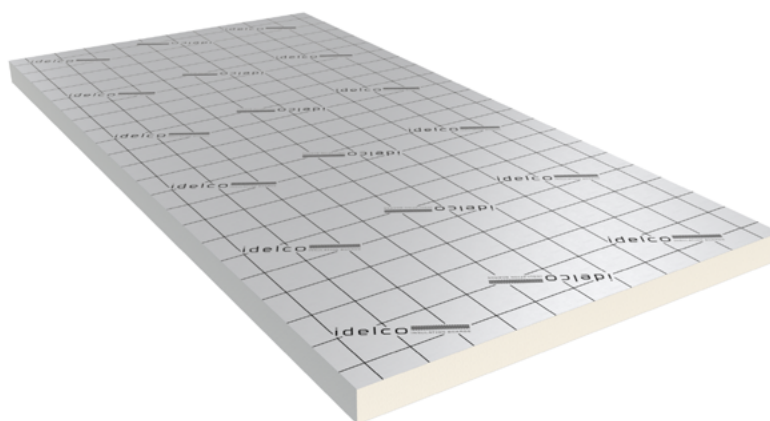


IDEALCO-FLOOR thermal insulation panels combine excellent thermal performance, lightness and high resistance to compression and are intended for floors in new construction or renovation. Our high quality rigid foam panels are finished on both sides with a multi-layer facing and are perfectly suited for use on solid underground or floating board application and with floor heating

GENERAL CHARACTERISTICS

| APPLICATION | INSULATION | FACING | DIMENSIONS | THICKNESSES | INTERLOCKING SYSTEM |
|-------------|------------|------------------------------|---------------|-------------|---------------------|
| Floors | PIR foam | Multi-layer aluminium facing | 1200 x 2400mm | 40 - 120mm | ■ Straight edges |

Lambda value λ
0,022
 W/(m.K)



IDEALCO-FLOOR 1200 x 2400 (mm)

| REFERENCE | Denomination | Thickness (mm) | Thermal resistance (m ² .K/W) | Boards per pack (U) | m ² per pack (m ²) | Packs per stack (U) | m ² per stack (m ²) |
|-----------|----------------------------|----------------|--|---------------------|---|---------------------|--|
| 100015 | FLOOR 40 LAM 1200x2400 ST | 40 | 1,80 | 12 | 34,56 | 5 | 172,80 |
| 100017 | FLOOR 50 LAM 1200x2400 ST | 50 | 2,25 | 10 | 28,80 | 5 | 144,00 |
| 100019 | FLOOR 60 LAM 1200x2400 ST | 60 | 2,75 | 8 | 23,04 | 5 | 115,20 |
| 100021 | FLOOR 80 LAM 1200x2400 ST | 80 | 3,60 | 6 | 17,28 | 5 | 86,40 |
| 100013 | FLOOR 100 LAM 1200x2400 ST | 100 | 4,50 | 5 | 14,40 | 5 | 72,00 |
| 100013 | FLOOR 120 LAM 1200x2400 ST | 120 | 5,45 | 4 | 11,52 | 5 | 72,00 |

TECHNICAL PROPERTIES

| | |
|--|--|
| Thermal conductivity : (λ) | 0,022 W/m.K |
| Compressive strength at 10% deformation | Min. 150 kPa |
| Foam density | 30 kg/m ³ (+ /- 2 kg/m ³) |
| Water vapor diffusion resistance of the PIR foam : $\mu_{(d)}$ | 50 to 100 meters |
| Reaction to fire class (according to EN 13501-1) | F |