


Sarking Plus PIR L



Sarking Plus PIR L is a high performance rigid PIR insulation board faced, both sides, with a gastight, low emissivity aluminium composite foil facing with a breathable underlay felt adhered on one side.

Product characteristics

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|---|--|
| Facing | L: gastight, low emissivity aluminium composite foil facing with a breathable underlay felt on one side |
| Core | PIR (polyisocyanuraat) |
| Edges | Tongue and groove on 4 sides in the wood fibre panel  |
| Dimensions | 2400 mm x 1200 mm |
| Thermal conductivity : λ_D according to EN13165: 2015 | 0,022 W/mK |
| Compression strength at 10% deformation: CS(10/Y)150 according to EN826 | ≥ 150 kPa (1,5 kg/cm ²). |
| Tensile strength perpendicular | TR80 ≥ 80 kPa |
| Dimensional stability 48h, 70°C, 90%RV 48h, -20°C | DS(70,90)3: $\Delta e_{l,b} \leq 2$ / $\Delta e_d \leq 6$ DS(-20,-)1: $\Delta e_{l,b} \leq 1$ / $\Delta e_d \leq 2$ |
| Deformation under pressure and temperature | DLT(2) $\leq 5\%$ |
| Density PIR foam | 32kg/m ³ ± 3 kg/m ³ |
| Vapour diffusion resistance factor PIR foam (μ) | 50-100 |
| Reaction to fire | F (EN 13501-1) |

Product range

| Thickness [mm] | R _D -value [m ² K/W] CE |
|----------------|---|
| 60 | 2,70 |
| 80 | 3,60 |
| 92 | 4,15 |
| 100 | 4,50 |
| 120 | 5,45 |
| 140 | 6,35 |
| 160 | 7,25 |

Technical data sheet

| | |
|---------------------------------|--------------------------|
| Type | Breathable underlay felt |
| Weight | +/- 140 g/m ² |
| μ_d | $\leq 0,03$ m |
| Servicetemperature range | -40°C to +80°C |

Some thicknesses may be subject to minimum order quantities. Please contact UNILIN division insulation for more information about availability.

UTHERM Sarking Comfort PIR L insulation boards come with an Environmental Product Declaration (EPD) and a CE-mark (DOP).

- EPD
- DOP

