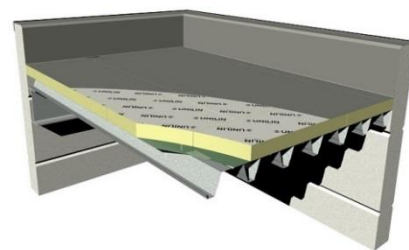


UTHERM Flat Roof PIR L



UTHERM Flat Roof PIR L is a high performance rigid PIR insulation board faced, both sides, with a gastight aluminium composite foil facing.

Product characteristics

Facing	L: gastight aluminium composite foil facing
Core	PIR (polyisocyanuraat)
Edges	Straight on 4 sides (30-50mm) or L-shape (60-200mm)
Dimensions	1200 mm x 600 mm or 2500 mm x 1200 mm (L-shape)
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) B s2 d0 (end use steeldeck) according to BS EN 13501-1

Product range

Thickness [mm]	R _D -value [m ² K/W] CE
25	1,10
30	1,35
40	1,80
50	2,25
60	2,70
80	3,60
100	4,50
120	5,45
140	6,35
160	7,25
180	8,15
200	9,05

Tapered

Dimensions	1200mm * 1200mm
Thickness	30mm – 130 mm per 20mm of per 25mm 30mm – 120 mm per 10 mm of per 15 mm

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

Utherm Flat Roof PIR L insulation boards come with an Environmental Product Declaration (EPD) and a CE-mark (DOP)

- EPD
- DOP

