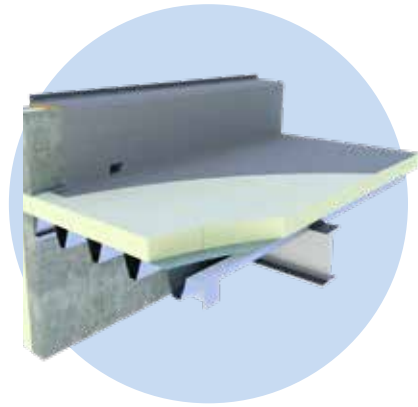


UTHERM ROOF M

Insulation board for roofs

ROOF M is a PIR insulation board finished on both sides with a gasopen mineralised glassfleece.



Application Insulation boards for flat and low sloped roofs

Insulation Polyisocyanurate (PIR)
Declared lambda-value (λ_D):
0,027 W/m.K (d < 80 mm)
0,026 W/m.K (80 mm ≤ d < 120 mm)
0,025 W/m.K (d ≥ 120 mm)

Facing M : gasopen mineralised glassfleece

Dimensions Standard : 1200 x 600 mm

Edge finish Straight on the 4 sides



Insulation-thickness [mm]	R _{D INSUL} value [m ² K/W] CE	Boards per pack	m ² per pack	Boards per pallet	m ² per pallet	m ² full load [= 22 pal.]	In stock	On demand*
ROOF M : 1200 x 600 MM								
30	1,10	16	11,52	160	115,20	2.534,40		from 1000 m ²
40	1,45	12	8,64	120	86,40	1.900,80		from 1000 m ²
50	1,85	10	7,20	100	72,00	1.584,00		from 1000 m ²
60	2,20	8	5,76	80	57,60	1.267,20	✓	
70	2,55	7	5,04	70	50,40	1.108,80		from 1000 m ²
81	3,10	6	4,32	60	43,20	950,40	✓	
90	3,45	5	3,60	50	36,00	792,00		from 1000 m ²
100	3,80	5	3,60	50	36,00	792,00	✓	
110	4,20	4	2,88	40	28,80	633,60		from 1000 m ²
120	4,80	4	2,88	40	28,80	633,60	✓	
140	5,60	3	2,16	36	25,92	570,24		from 1000 m ²
160	6,40	3	2,16	30	21,60	475,20		from 1000 m ²

* Unilin reserves the right to charge and deliver a maximum of 5% overproduction



Technical properties

Declared thermal conductivity : λ_D according to EN 13165 : 2015	0,027 W/m.K (d < 80 mm) 0,026 W/m.K (80 mm ≤ d < 120 mm) 0,025 W/m.K (d ≥ 120 mm)
Compressive strength at 10% deformation : CS(10/Y)150 according to EN 826	≥ 150 kPa (1,5 kg/cm ²)
Tensile strength perpendicular to the faces	TR80 ≥ 80 kPa
Dimensional stability 48h, 70°C, 90%RH 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 compressive load and temperature conditions	DLT(2) ≤ 5%
Density of the PIR foam	32 kg/m ³ ± 3 kg/m ³
Water vapour transmission resistance of the PIR foam : μ	50-100
Reaction to fire class	F according to EN 13501-1 B-s2, d0 (End-use steel deck)
Long term water absorption	WL(T)2 according to EN 13165 < 2%

Certificates

KOMO	K53766
ATG	2992 + H900
FIW	WLS 026 027 028 DAA dh, DAA ds
CE	λ 0.025 - 0.027 W/m.K
DOP	UTHERM ROOF M v1
EPD	EPD-IVP-20140206-IBE1-DE

