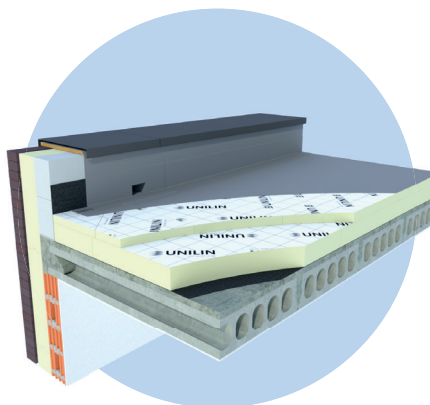


UTHERM ROOF L TAPERED

Insulation board for roofs

ROOF L TAPERED is a tapered PIR insulation board finished on both sides with a multilayer gastight laminate facer.



Application Insulation boards with one-sided taper for flat roofs

Insulation Polyisocyanurate (PIR)
Declared lambda-value (λ_D) : 0,022 W/m.K

Facing L : multilayer gastight laminate

Dimensions Standard : 1200 x 1200 mm

Edge finish Straight on the 4 sides



Insulation-thickness [mm]	R _{D INSUL} average 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 L TAPERED 10 MM : 1200 x 1200 MM								
30/40	1,55	8	11,52	72	103,68	2.280,96	✓	
40/50	2,00	6	8,64	54	77,76	1.710,72	✓	
50/60	2,50	6	8,64	42	60,48	1.330,56	✓	
60/70	2,95	4	5,76	36	51,84	1.140,48	✓	
70/80	3,40	4	5,76	32	46,08	1.013,76	✓	
80/90	3,85	4	5,76	28	40,32	887,04	✓	
90/100	4,30	4	5,76	24	34,56	760,32	✓	
100/110	4,75	4	5,76	24	34,56	760,32	✓	
110/120	5,20	4	5,76	20	28,80	633,60	✓	
ROOF L TAPERED 15 MM : 1200 x 1200 MM								
30/45	1,70	8	11,52	64	92,16	2.027,52	✓	
45/60	2,35	6	8,64	48	69,12	1.520,64	✓	
60/75	3,05	4	5,76	36	51,84	1.140,48	✓	
75/90	3,75	6	8,64	30	43,20	950,40	✓	
90/105	4,40	4	5,76	24	34,56	760,32	✓	
105/120	5,10	4	5,76	20	28,80	633,60	✓	
ROOF L TAPERED 20 MM : 1200 x 1200 MM								
30/50	1,80	6	8,64	60	86,40	1.900,80	✓	
50/70	2,70	4	5,76	40	57,60	1.267,20	✓	
70/90	3,60	6	8,64	30	43,30	950,40	✓	
90/110	4,50	4	5,76	24	34,56	760,32	✓	
110/130	5,45	4	5,76	20	28,80	633,60	✓	
ROOF L TAPERED 25 MM : 1200 x 1200 MM								
30/55	1,90	10	14,40	50	72,00	1.584,00	✓	
55/80	3,05	6	8,64	36	51,84	1.140,48	✓	
80/105	4,20	4	5,76	24	34,56	760,32	✓	
105/130	5,30	4	5,76	20	28,80	633,60	✓	

* 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	0,022 W/m.K
Compressive strength at 10% deformation : CS(10/Y)150 according to EN 826	≤ 59 mm : 150 kPa (1,5 kg/cm ²) $60 - 89$ mm : 175 kPa (1,75 kg/cm ²) ≥ 90 mm : 200 kPa (2,0 kg/cm ²)
Tensile strength perpendicular to the faces	TR100 ≥ 100 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) $\leq 5\%$
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	CTG-671
ATG	In aanvraag
CE	λ 0.022 W/m.K
DOP	UTHERM ROOF L TAPERED v1
EPD	EPD-IVP-20140208-IBE1-DE

