

UTHERM

Roof LE Tapered

Insulation board
for roofs

Roof LE Tapered is a tapered PIR insulation board Euroclass E finished on both sides beide 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 LE : multilayer gastight laminate

Dimensions Standard: 1200 x 1200 mm

Edge finish Straight on the 4 sides



lambda-value:
0,022
W/m.K

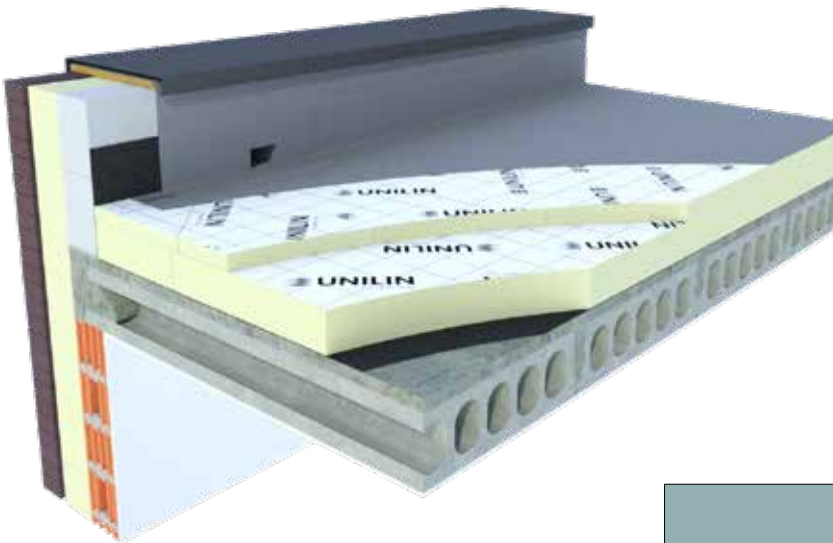


Insulation-thickness [mm]	$R_{D\text{ INSUL}}$ average value [m ² K/W] CE	Boards per pack	m ² per pack	Boards per pallet	m ² per pallet	m ² full load [= 22 pal.]	In stock	On demand*
Roof LE Tapered 15 mm : 1200 x 1200 mm								
30/45	1,70	8	11,52	64	92,16	2.027,52	✓	
45/60	2,35	6	8,64	48	69,12	1.520,60	✓	
60/75	3,05	4	5,76	36	51,84	1.140,48	✓	
75/90	3,75	6	8,64	30	43,30	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 LE 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	✓	
Roof LE Tapered 30 mm : 1200 x 1200 mm								
30/60	2,00	10	14,40	50	72,00	1.584,00	✓	
60/90	3,40	6	8,64	30	43,20	950,40	✓	
90/120	4,75	4	5,76	24	34,56	760,32	✓	

* Minimum order quantities and special conditions upon consultation

TECHNICAL PROPERTIES

Declared thermal conductivity : λ_D according to EN 13165:2012+A2:2016	0,022 W/m.K
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: $\Delta\epsilon_{l,b} \leq 2$ / $\Delta\epsilon_d \leq 6$ DS(-20,-)1: $\Delta\epsilon_{l,b} \leq 1$ / $\Delta\epsilon_d \leq 2$
Deformation under compressive load and temperature conditions	DLT(2) $\leq 5\%$
Density of the PIR foam	32 kg/m ³ \pm 3 kg/m ³
Water vapour transmission resistance of the PIR foam : μ	50-100
Reaction to fire class	E according to EN 13501-1 B-s1, d0 (End-use steel deck)
Long term water absorption	WL(T)2 according to EN 13165 < 2%



Certificates	
CE	λ 0,022 W/m.K
DOP	Utherm Roof LE Tapered v3
EPD	B-EPD n° 21-0009-004-00-00-EN

Nr. EX-ENG-21-1

For stock- and delivery conditions: inform with UNILIN, division insulation.

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