

UTHERM Roof LE 1200 x 600

Insulation board for
roofs

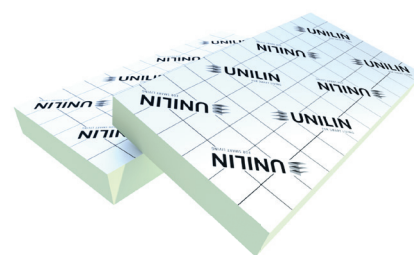
Utherm Roof LE is a PIR insulation board Euroclass E finished on both sides with a multilayer gastight laminate facer.

Insulation	PIR (Polyisocyanurate) Declared lambda-value (λ_D) 0,022 W/(m.K)
Facing	Multilayer gastight laminate
Dimensions	1200 x 600 mm
Edge finish	Shiplap (rebated) on the 4 sides Straight on the 4 sides

lambda-value:

0,022

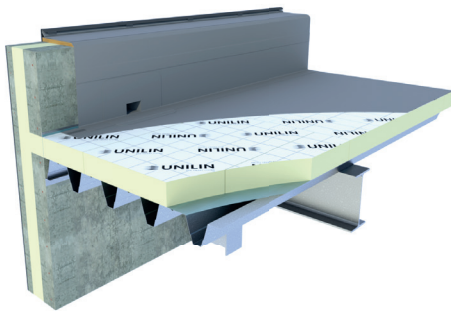
W/(m.K)



Thickness [mm]	RD INSUL value [m²K/W] CE	EAN code	Board per pack	m² per pack	Packs per pallet	Boards per pallet	m² per pallet	m² full load	In stock / on demand
Roof LE LS: 1200 x 600 mm									
60	2,70	5414399020702	8	5,76	10	80	57,60	1267,20	In stock
80	3,60	5414399020719	6	4,32	10	60	43,20	950,40	In stock
100	4,50	5414399017801	5	3,60	10	50	36,00	792,00	In stock
120	5,45	5414399010000	4	2,88	10	40	28,80	633,60	In stock
140	6,35	5414399036710	3	2,16	12	36	25,92	570,24	In stock
160	7,25	5414399023802	3	2,16	10	30	21,60	475,20	In stock
180	8,15	5414399025509	2	1,44	14	28	20,16	443,52	from 1000 m²
200	9,05	5414399031104	2	1,44	12	24	17,28	380,16	from 1000 m²
Roof LE SE: 1200 x 600 mm									
30	1,35	5414399039292	16	11,52	10	160	115,20	2534,40	from 1000 m²
40	1,80	5414399039124	12	8,64	10	120	86,40	1900,80	from 1000 m²
50	2,25	5414399039407	10	7,20	10	100	72,00	1584,00	from 1000 m²
60	2,70	5414399044708	8	5,76	10	80	57,60	1267,20	from 1000 m²
80	3,60	5414399044807	6	4,32	10	60	43,20	950,40	from 1000 m²
100	4,50	5414399036734	5	3,60	10	50	36,00	792,00	from 1000 m²
120	5,45	5414399053700	4	2,88	10	40	28,80	633,60	from 1000 m²
140	6,35	5414399043237	3	2,16	12	36	25,92	570,24	In stock
160	7,25	5414399040045	3	2,16	10	30	21,60	475,20	from 1000 m²

TECHNICAL PROPERTIES

Declared thermal conductivity: λ_D according to EN13165:2012+A2:2016	0,022 W/(m.K)
Compressive strength at 10% deformation according to EN826	≥ 150 kPa
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: $\Delta\epsilon_{l,b} \leq 1\%$ / $\Delta\epsilon_d \leq 2\%$
Thickness tolerance according to EN823	T2
Density	32 ± 3 kg/m ³
Water vapour transmission resistance : μ	50-100
Reaction to fire class according to EN13501-1	E B-s1,d0 end-use (steel deck)
Long term water absorption	WL(T)2 < 2%



Certificates	
CE	λ 0,022 W/(m.K)
DOP	Utherm Roof LE v4
EPD	B-EPD n° 21-0009-004-00-00-EN
ISO 14001	ISO 14001:2015