


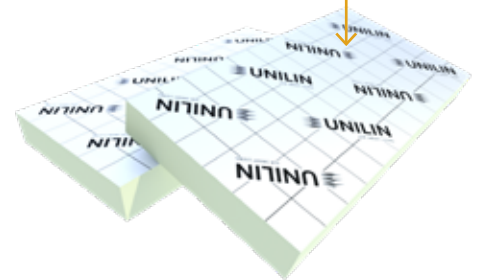
UTHERM Floor LE

Insulation board
for floors

Floor LE is a PIR insulation board Euroclass E finished on both sides with a multilayer gastight laminate facer, finished with a preprinted grid.

Application	Insulation boards for floors
Insulation	Polyisocyanurate (PIR) Declared lambda-value (λ_D): 0,022 W/m.K
Facing	LE : multilayer gastight laminate with preprinted grid
Dimensions	Standard : 1200 x 600 mm or 2400 x 1200 mm
Edge finish	Straight on the 4 sides 

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



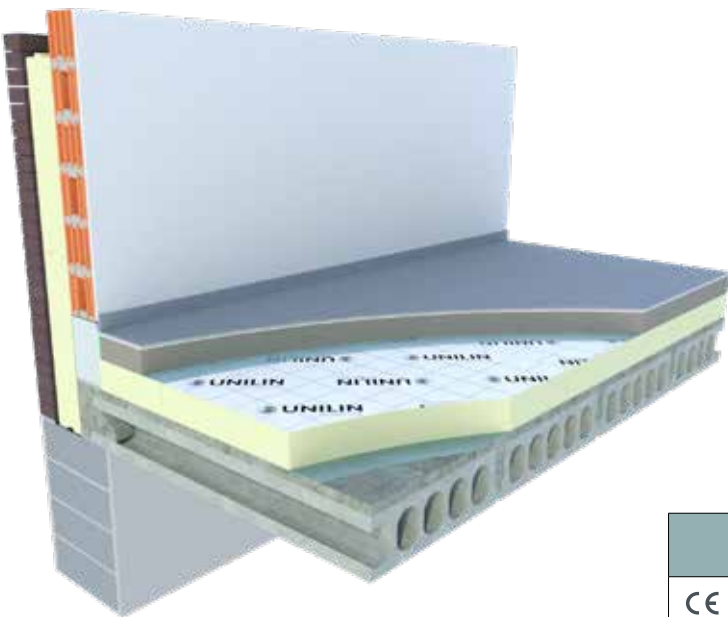
Insulation-thickness [mm]	$R_{D,INSUL}$ value [m ² K/W] CE	Boards per pack	m ² per pack	Boards per pallet	m ² per pallet	m ² full load [= 22 pal.]	In stock	On demand*
Floor LE: 1200 x 600 mm								
20	0,90	24	17,28	240	172,80	3.801,60	✓	
30	1,35	16	11,52	160	115,20	2.534,40	✓	
40	1,80	12	8,64	120	86,40	1.900,80	✓	
50	2,25	10	7,20	100	72,00	1.584,00	✓	
60	2,70	8	5,76	80	57,60	1.267,20	✓	
70	3,15	7	5,04	70	50,40	1.108,80	✓	
80	3,60	6	4,32	60	43,20	950,40	✓	
90	4,05	5	3,60	50	36,00	792,00		✓
100	4,50	5	3,60	50	36,00	792,00	✓	
120	5,45	4	2,88	40	28,80	633,60	✓	
140	6,35	3	2,16	36	25,92	570,24		✓
160	7,25	3	2,16	30	21,60	475,20		✓
180	8,15	2	1,44	24	17,28	380,16		✓
200	9,05	2	1,44	24	17,28	380,16		✓

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 [= 11 pal.]	In stock	On demand*
Floor LE: 2400 x 1200 mm								
30	1,35	16	46,08	80	230,40	2.534,40		✓
40	1,80	12	34,56	60	172,80	1.900,80		✓
50	2,25	10	28,80	50	144,00	1.584,00		✓
60	2,70	8	23,04	40	115,20	1.267,20		✓
70	3,15	7	20,16	35	100,80	1.108,80		✓
80	3,60	6	17,28	30	86,40	950,40		✓
90	4,05	5	14,40	25	72,00	792,00		✓
100	4,50	5	14,40	25	72,00	792,00		✓
120	5,45	4	11,52	20	57,60	633,60		✓
140	6,35	3	8,64	18	51,84	570,24		✓
160	7,25	3	8,64	15	43,20	475,20		✓

* 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
Long term water absorption	WL(T)2 according to EN 13165 < 2%



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