
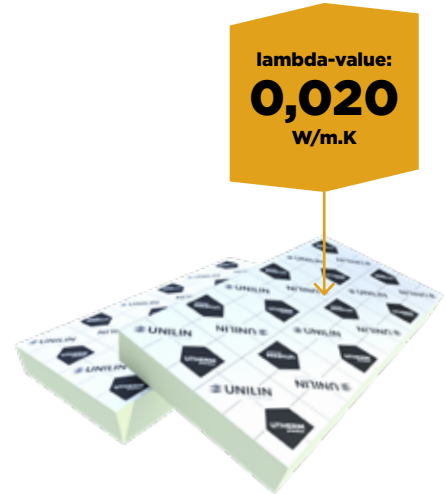


UTHERM Premium LE

**Insulation board
for floor, roof,
concrete and wall
applications**

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

Application	Insulation board for floors, roofs, cavity walls/ventilated facades and prefabricated concrete wall panels
Insulation	Polyisocyanurate (PIR) Declared lambda-value (λ_D): 0,020 W/m.K
Facing	LE: multilayer gastight laminate with preprinted grid
Dimensions	Standard: 1200 x 600 mm
Edge finish	Straight on the 4 sides 

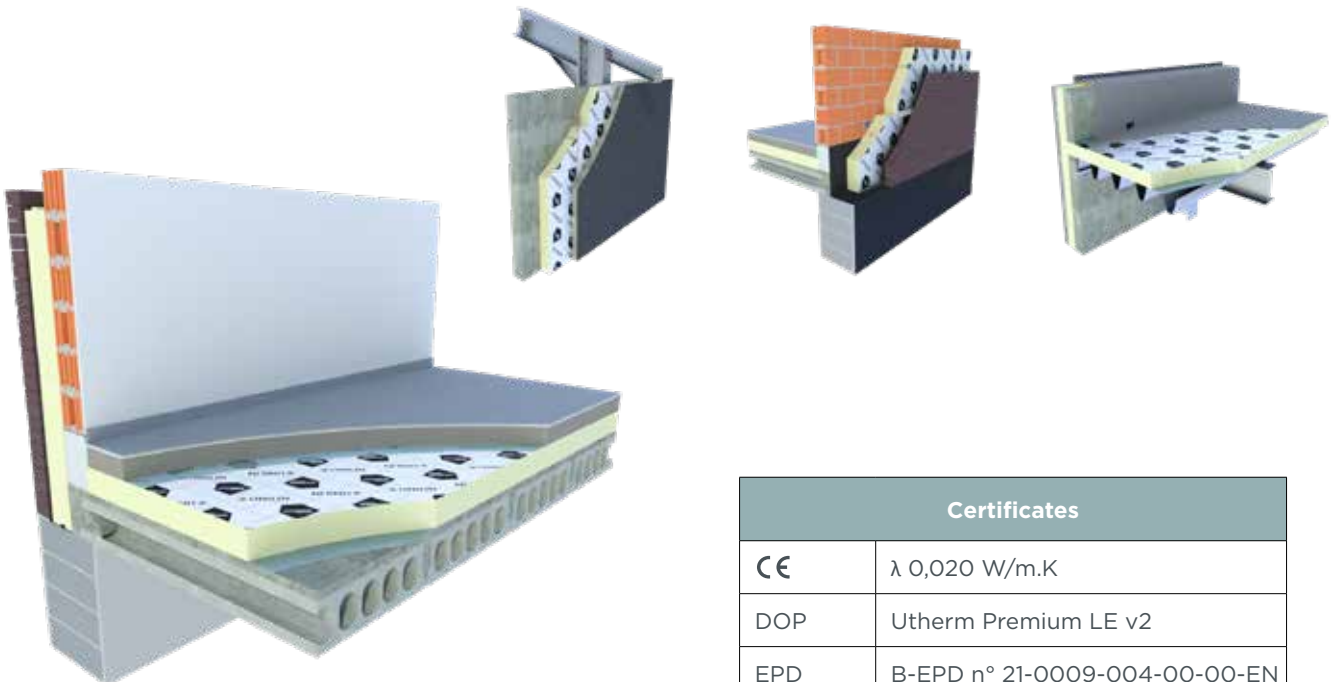


Insulation-thickness [mm]	R _{D INSUL} value [m ² K/W] CE	Boards per pack	m ² per pack	Boards per pallet	m ² per pallet	m ² full load [= 22 pal.]	In stock	On demand*
Premium LE: 1200 x 600 mm								
20	1,00	24	17,28	240	172,80	3.801,60		✓
30	1,50	16	11,52	160	115,20	2.534,40	✓	
40	2,00	12	8,64	120	86,40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

* Minimum order quantities and special conditions upon consultation

TECHNICAL PROPERTIES

Declared thermal conductivity : λ_D according to EN 13165:2012+A2:2016	0,020 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 Eternit cladding, contact Unilin for the conditions of application)
Long term water absorption	WL(T)2 according to EN 13165 < 2%



Certificates	
CE	λ 0,020 W/m.K
DOP	Utherm Premium LE v2
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.

UNILIN, division insulation - Waregemstraat 112 - B-8792 Waregem - T +32 56 73 50 91 - F +32 56 73 50 90
E info.insulation@unilin.com - W www.unilininsulation.com - H.R Kortrijk 87153 - VAT BE 0405 414 072