


UTHERM Wall LE

**Insulation board
for cavity wall
and ventilated
façade**

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

Application	Insulation boards for cavity walls
Insulation	Polyisocyanurate (PIR) Declared lambda-value (λ_D): 0,022 W/m.K
Facing	LE: multilayer gastight laminate
Dimensions	Standard: 1.200 x 600 mm
Edge finish	Tongue- & groove joint along the 4 sides 

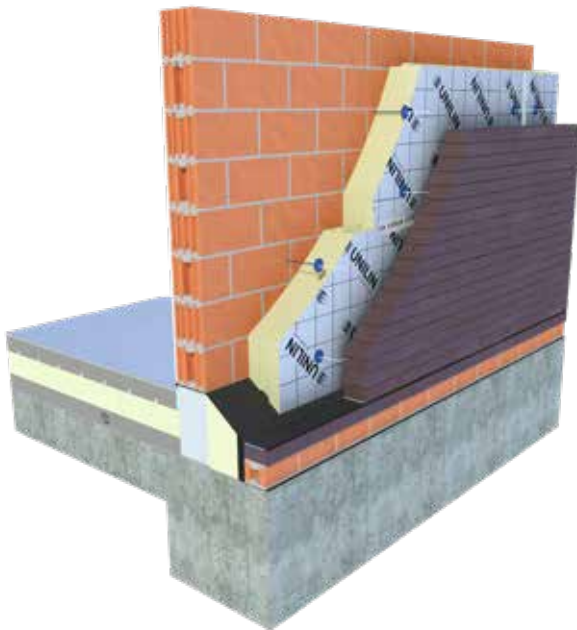


Insulation-thickness [mm]	$R_{D\text{ INSUL}}$ value [m ² K/W] CE	Boards per pack	m ² per pack	Boards per pallet	m ² per pallet	m ² full load [= 22 pal.]	In stock	On demand*
Wall LE: 1.200 x 600 mm								
40	1,80	12	8,64	120	86,40	1.900,80		✓
50	2,25	10	7,20	100	72,00	1.584,00		✓
60	2,70	8	5,76	80	57,60	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		✓
110	5,00	4	2,88	40	28,80	633,60		✓
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		✓

* 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 Eternit cladding, contact Unilin for the conditions of application)
Long term water absorption	WL(T)2 according to EN 13165 < 2%



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