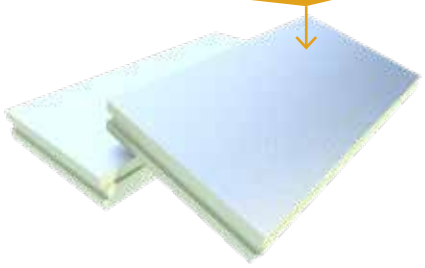
UTHERM Wall A

Insulation board for ventilated façade and fire reaction class D

Wall A is a PIR insulation board Euroclass D finished on both sides with a gastight pure aluminium facing of approx. 50 µm.

Application	Insulation boards for cavity walls and for ventilated façades
Insulation	Polyisocyanurate (PIR) **Declared lambda-value (λ_D): 0,022 W/m.K**
Facing	A : light-wiped, gastight pure aluminum of approx. 50 µm
Dimensions	Standard: 1.200 x 600 mm
Edge finish	Tongue- & groove joint along the 4 sides

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



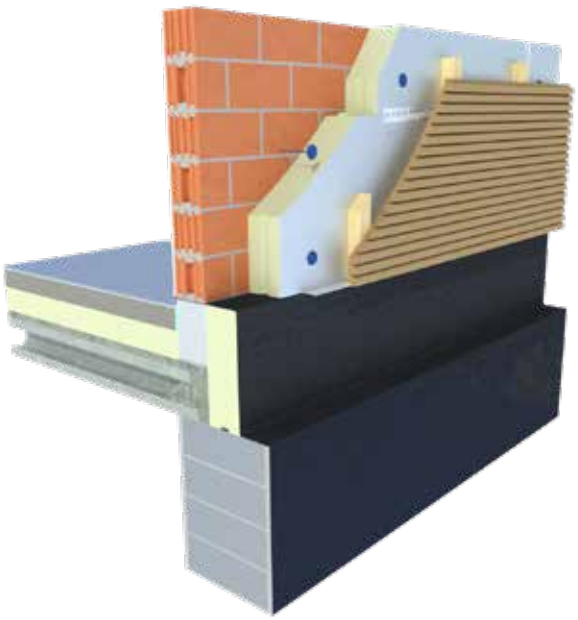
Insulation-thickness [mm]	$R_{D\ INSUL}$ value [m²K/W] CE	Boards per pack	m² per pack	Boards per pallet	m² per pallet	m² full load [= 22 pal.]	In stock	On demand*
Wall A: 1200 x 600 mm								
40	1,80	12	8,64	120	86,40	1.900,80		✓
50	2,25	10	7,20	100	72,00	1.584,00		✓
60	2,70	8	5,76	80	57,60	1.267,20		✓
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

UTHERM

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/cm²)
Tensile strength perpendicular to the faces	TR80 ≥ 80 kPa
Dimensional stability **48h, 70°C, 90%RH** **48h, -20°C**	 DS(70,90)3: Δεl,b≤2% / Δεd≤6% DS(-20,-)1: Δεl,b≤1% / Δεd≤2%
Deformation under compressive load and temperature conditions	DLT(2) ≤ 5%
Density of the PIR foam	32 kg/m³ ± 3 kg/m³
Water vapour transmission resistance of the PIR foam : μ	50-100
Reaction to fire class	D-s2, d0 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 A v4
EPD	B-EPD n° 21-0009-003-00-00-EN

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