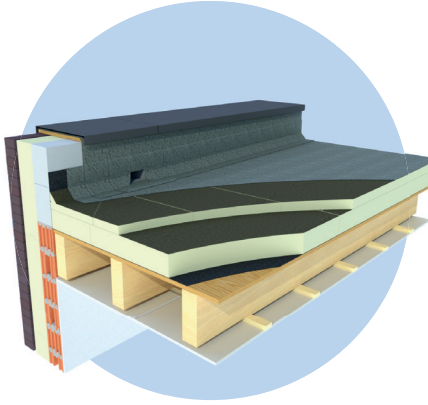


UTHERM ROOF B TAPERED

Insulation board for roofs



ROOF B TAPERED is a tapered PIR insulation board finished on both sides with a gas open bituminized glassfleece.

Application Insulation boards with one-sided taper for flat roofs

Insulation Polyisocyanurate (PIR)
Declared lambda-value (λ_D):
0,027 W/m.K (d < 80 mm)
0,026 W/m.K (80 mm ≤ d < 120 mm)
0,024 W/m.K (d ≥ 120 mm)

Facing B : bituminized glassfleece on both sides

Dimensions Standard : 1200 x 1200 mm

Edge finish Straight on the 4 sides



Insulation-thickness [mm]	R _{D INSUL} average 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*
ROOF B TAPERED 10 MM : 1200 x 1200 MM								
30/40	1,25	8	11,52	72	103,68	2.280,96	✓	
40/50	1,65	6	8,64	54	77,76	1.710,72	✓	
50/60	2,00	6	8,64	42	60,48	1.330,56	✓	
60/70	2,40	4	5,76	36	51,84	1.140,48	✓	
70/80	2,75	4	5,76	32	46,08	1.013,76	✓	
80/90	3,25	4	5,76	28	40,32	887,04		from 1000 m ²
90/100	3,65	4	5,76	24	34,56	760,32		from 1000 m ²
ROOF B TAPERED 20 MM : 1200 x 1200 MM								
30/50	1,45	6	8,64	60	86,40	1.900,80	✓	
50/70	2,20	4	5,76	40	57,60	1.267,20	✓	
70/90	3,05	6	8,64	32	46,08	1.013,76	✓	
90/110	3,80	4	5,76	24	34,56	760,32	✓	

* Unilin reserves the right to charge and deliver a maximum of 5% overproduction

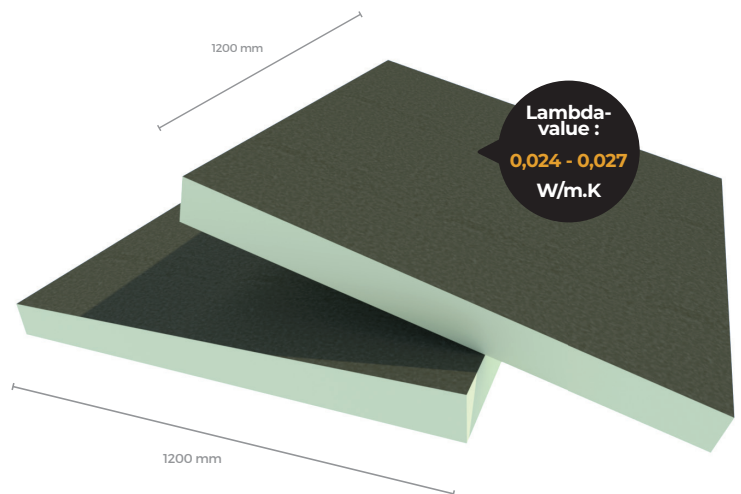


Technical properties

Declared thermal conductivity : λ_D according to EN 13165 : 2015	0,027 W/m.K (d < 80 mm) 0,026 W/m.K (80 mm ≤ d < 120 mm) 0,024 W/m.K (d ≥ 120 mm)
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 : $\Delta e_{l,b} \leq 2$ / $\Delta e_{d} \leq 6$ DS(-20,-)1 : $\Delta e_{l,b} \leq 1$ / $\Delta e_{d} \leq 2$
Deformation under compressive load and temperature conditions	DLT(2) ≤ 5%
Density of the PIR foam	32 kg/m ³ ± 3 kg/m ³
Water vapour transmission resistance of the PIR foam : μ	50-100
Reaction to fire class	F according to EN 13501-1
Long term water absorption	WL(T)2 according to EN 13165 < 2%

Certificates

CE	λ 0,024 - 0,027 W/m.K
DOP	UTHERM ROOF B TAPERED v3



Nr. EX-ENG-20-1

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