


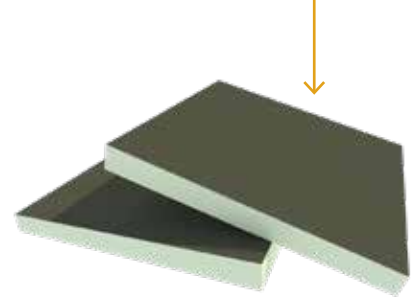
UTHERM Roof B Tapered

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: 1.200 x 1.200 mm
Edge finish	Straight on the 4 sides 

lambda-value:
0,024
-
0,027
W/m.K



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: 1.200 x 1.200 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		✓
90/100	3,65	4	5,76	24	34,56	760,32		✓
Roof B Tapered 20 mm: 1.200 x 1.200 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	✓	

* Minimum order quantities and special conditions upon consultation

TECHNICAL PROPERTIES

Declared thermal conductivity : λ_D according to EN 13165:2012+A2:2016	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: $\Delta\epsilon_{l,b} \leq 2$ / $\Delta\epsilon_d \leq 6$ DS(-20,-)1: $\Delta\epsilon_{l,b} \leq 1$ / $\Delta\epsilon_d \leq 2$
Deformation under compressive load and temperature conditions	DLT(2) ≤ 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-UK-21-1

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

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