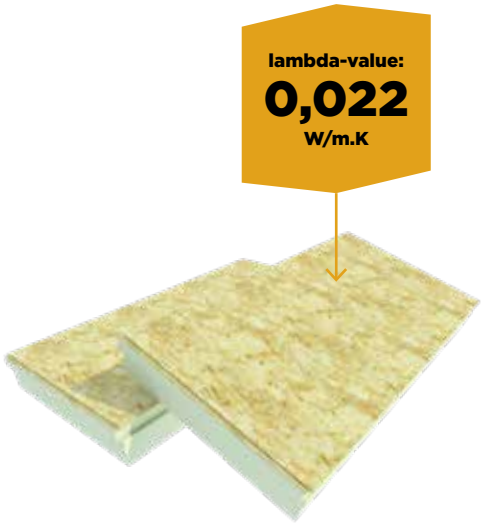
UTHERM Attic L OSB

Insulation board for post-insulation of attics

Attic L OSB is a PIR insulation board finished on both sides with a multilayer gastight laminate facer. Attic L OSB is at one side finished with a layer of 12 mm thick OSB stranded wood board.



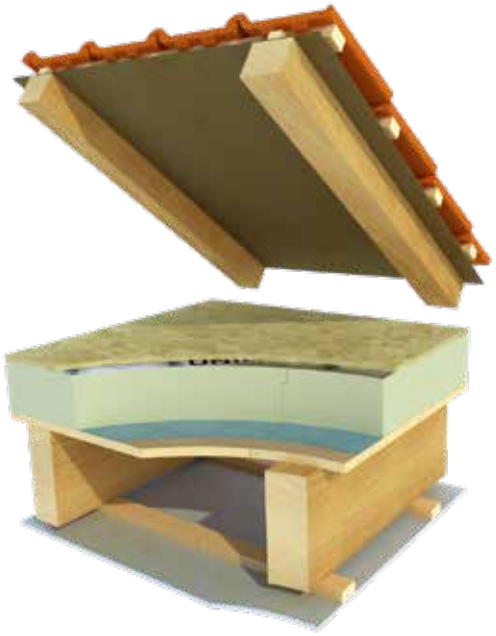
Application	Insulation and finishing in one board for post-insulation of attic floors from the inside out	
Insulation	Polyisocyanurate (PIR) **Declared lambda-value (λ_D): 0,022 W/m.K** R-value OSB stranded wood board (OSB) : max. 0,092 m².K / W	
Facing	L : multilayer gastight laminate OSB : 12 mm OSB stranded wood board at one side	
Dimensions	Standard	Net : 1189 x 600 mm Gross : 1200 x 613 mm
Edge finish	Combination with tongue- & groove joint along the 4 sides	

Total-thickness [mm]	$R_{D\ INSUL + CB}$ value [m²K/W] CE	Thickness insulation [mm]	Thickness CB [mm]	Boards per pallet	m² per pallet	Weight [kg/pcs]	m² full load [= 44 pal.]	In stock	On demand*
Attic L OSB: 1200 x 613 mm									
40 + 12	1,90	40	12	46	33,84	6,25	1.488,96		✓
50 + 12	2,35	50	12	40	29,42	6,50	1.294,48		✓
60 + 12	2,80	60	12	34	25,01	6,75	1.100,44		✓
80 + 12	3,70	80	12	26	19,13	7,20	841,72	✓	
100 + 12	4,60	100	12	20	14,71	7,70	647,24	✓	
120 + 12	5,50	120	12	18	13,24	8,15	582,56		✓
140 + 12	6,45	140	12	14	10,30	8,60	453,20		✓
160 + 12	7,35	160	12	12	8,83	9,10	388,52		✓

* Minimum order quantities and special conditions upon consultation

TECHNICAL PROPERTIES

Declared thermal conductivity : λ_D	PIR : 0,022 W/m.K OSB : 0,130 W/m.K
Compressive strength at 10% deformation of the PIR foam : CS(10/Y)150 according to EN 826	≥ 150 kPa (1,5 kg/cm²)
Tensile strength of the PIR foam perpendicular to the faces	TR80 ≥ 80 kPa
Dimensional stability of the PIR foam **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	End-use (PIR+OSB): D-s1, d0 according to EN 13501-1
Long term water absorption of the PIR foam	WL(T)2 according to EN 13165 < 2%



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 87.153 – VAT BE 0405 414 072