



Lumix is a thermal insulation board. Its core consists out of Taufoam by Recticel (rigid polyisocyanurate PIR foam). The board is faced with an embossed anthracite aluminium foil on the visible side and an embossed aluminium foil on the backside.

Application(s)

Thermal insulation for industrial and agricultural buildings

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	To max. 8*	m		
	*contact Recticel Insulation for longer boards			
Width	1200; 1227 (Quattro)	mm		
Thickness range	30 - 40 - 50 - 60 - 70 - 80 - 90 - 100 - 120	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m ³		
Appearance				
Facing	Embossed anthracite aluminium foil on the visible side and an embossed aluminium foil on the backside			
Edge finishing	Quattro; Straight edges; Shiplapped edges; Grooved			

Essential Characteristics

Description	Standard	EN code	Value	Unit
Thermal conductivity (declared value)				
All thicknesses	EN 13165	λ_D	0.024	W/m.K
Mechanical properties				
Compressive stress or compressive strength at 10% deformation	EN 826	CS(10/Y)150	≥ 150	kPa
Dimensional stability under specified temperature and humidity conditions				
48 hrs 70°C, 90% RH	EN 1604	DS(70,90)3		
48 hrs -20°C	EN 1604	DS(-20,-)1		

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Recticel Insulation

Enterprise Way, Whittle Road, Meir Park, Stoke-on-Trent, Staffordshire, ST3 7UN, UK

www.recticelinsulation.com

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Tensile strength perpendicular to faces	EN 1607	TR80	≥ 80	kPa
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclasse	D-s2,d0	(30-120mm)
Hygrometric properties				
Water vapour diffusion coefficient (foam)	EN ISO 10456	μ	50-100	
Long term water absorption by total immersion	EN 12087	WL(T)2	≤ 2	vol-%

Insulation Values

Thickness (mm)	λ_D -value (W/mK)	R_D -value (m ² K/W)
30	0.024	1.25
40	0.024	1.65
50	0.024	2.05
60	0.024	2.50
70	0.024	2.90
80	0.024	3.30
90	0.024	3.75
100	0.024	4.15
120	0.024	5.00

Standards & Certificates

Standards

Product standard	EN 13165:2012 + A2:2016
Production	ISO 9001:2015
Environmental management	ISO 14001:2015

Other / Miscellaneous

Production plant

Wevelgem Zuidstraat 15, BE-8560 Wevelgem

Handling / maintenance

Storage/handling Stock dry and protected from direct sunlight

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