

Eurothane[®] FP

Eurothane[®] FP is a thermal, high performance PIR insulation board with Class 0 fire performance suitable for use across multiple applications.

Application(s)

Thermal insulation for rainscreen (up to 18m high) wall systems, soffit liner system applications, pitched roofs, framed walls

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	2400	mm		
Width	1200	mm		
Thickness	25,45,55,65,75,80,85,95,105,125, 160	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m ³		
Appearance				
Facing	Embossed 50 µ aluminium on both sides			
Edge finishing	Straight edges on all four sides			

Essential Characteristics

Description	Standard	EN code	Value	Unit
Thermal conductivity (declared value)				
All thicknesses	EN 13165	λ _D	0.022	W/mK
Mechanical properties				
Compressive stress or compressive				
Strength at 10% deformation	EN 826	CS(10/Y)140	≥140	kPa
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclass	F	
	BS 476	(part 6 and 7)	Class 0	
Hygrometric properties				
Water vapour diffusion resistance factor (Tabulated value)	EN ISO 10456	μ	50-100	

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Recticel Insulation

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

www.recticelinsulation.co.uk

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Insulation Values

Thickness (mm)	λ_D -value (W/mK)	R_D -value (m ² K/W)
25	0.022	1.10
45	0.022	2.00
55	0.022	2.50
65	0.022	2.95
75	0.022	3.40
80	0.022	3.60
85	0.022	3.85
95	0.022	4.30
105	0.022	4.75
125	0.022	5.65
160	0.022	7.25

Standards & Certificates

Standards

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

Certificates

Other / Miscellaneous

Production Plant

Recticel Insulation	Enterprise Way, Whittle Rd, Meir Park, Stoke-on-Trent, Staffordshire ST3 7UN
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Handling / Maintenance

Storage	The packaging in which the product is supplied, is not suitable for outside storage. Boards should be kept dry, stored clear of the ground and covered with a weatherproof sheet. Boards that have been allowed to get wet should not be used.
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