



Eurothane[®] FP

Eurothane FP is a thermal insulation board. Its core consists of rigid polyisocyanurate PIR foam. The board is faced with an embossed aluminium foil on both sides.

Application(s)

Thermal insulation for rainscreen wall systems, soffit liner system applications, pitched roofs, framed walls

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	2400	mm		
Width	1200	mm		
Thickness range	25-160	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m ³		
Appearance				
Facing	Embossed aluminium on both sides			
Edge finishing	Straight edges on four sides			

Essential characteristics

Description	Standard	EN code	Value	Unit
Thermal conductivity (declared value)				
All thicknesses	EN 13165	λ_D	0.022	W/m.K
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	
Hygrometric properties				
Water vapour diffusion coefficient (foam)	EN ISO 10456	μ	50-100	

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Recticel Insulation

Zuidstraat 15, 8560 Wevelgem, Belgium

www.recticelinsulation.com

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Insulation Values

Thickness (mm)	λ D-value (W/mK)	RD-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

Other / Miscellaneous

Production plant

Recticel Ltd. Enterprise way, Meir park Stoke On Trent, ST3 7UN UK

Storage/handling

Stock dry and protected from direct sunlight

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