



Eurowall® +

Eurowall® + is a thermal high performance PIR insulation board for use in full fill cavity wall applications.

Application(s)

Thermal insulation of full fill masonry cavity walls.

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	1200; 1190	mm		
Width	460; 450	mm		
Thickness	75,90,115,140	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m ³		
Appearance				
Facing	Gas-diffusion tight and multi-layered complex of kraft and metal foil of which one side is reflective and the other side alkali resistant grey			
Edge finishing	Tongue and groove 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)120	≥120	kPa
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclass	F	
	BS 476	(part7)	Class 1	
Emissivity*				0.05
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)
75	0.022	3.40
90	0.022	4.05
115	0.022	5.20
140	0.022	6.35

Standards & Certificates

Standards

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

Certificates

LABC	EW620
BBA	02/3908

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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