



# 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
<b>Dimensions</b>				
Length	1200; 1190	mm		
Width	460; 450	mm		
Thickness	75,90,115,140	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m <sup>3</sup>		
<b>Appearance</b>				
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
<b>Thermal conductivity (declared value)</b>				
All thicknesses	EN 13165	$\lambda_D$	0.022	W/mK
<b>Mechanical properties</b>				
Compressive stress or compressive				
Strength at 10% deformation	EN 826	CS(10/Y)120	≥120	kPa
<b>Fire behaviour</b>				
<b>Reaction to fire (product as such)</b>	EN 13501-1	Euroclass	F	
	BS 476	(part7)	Class 1	
Emissivity*				0.05
Water vapour diffusion resistance factor (Tabulated value)	EN ISO 10456	$\mu$	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](http://www.recticelinsulation.co.uk)

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## Insulation Values

Thickness (mm)	$\lambda_D$ -value (W/mK)	$R_D$ -value (m <sup>2</sup> 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

### 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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