



Eurowall[®] Cavity

Eurowall[®] Cavity is a thermal insulation board with a core of rigid polyurethane foam, faced with a gas-diffusion tight and multi-layered complex of kraft and metal foil.

Application(s)

Thermal insulation of partial fill masonry cavity walls up to 25 m in height.

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	1200	mm		
Width	450	mm		
Thickness	25,30,40,50,60,70,75,80,90,100	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.			
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
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1 BS 476(Part7)	Euroclass	F Class 1	
Emissivity*				0.05

Insulation Values

Thickness (mm)	λ_D -value (W/mK)	R_D -value (m ² K/W)
25	0.022	1.10

Care has been taken to ensure that the content of this document is as accurate as possible. Please note that technical specifications may vary from country to country. Recticel Insulation does not accept any liability for clerical errors and reserves the right to amend information without prior notice. This document does not create, specify, modify or replace any new or prior contractual obligations agreed upon in writing between Recticel Insulation and the user.

Recticel Insulation

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www.recticelinsulation.co.uk

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Eurowall[®] Cavity

30	0.022	1.35
40	0.022	1.80
50	0.022	2.25
60	0.022	2.70
70	0.022	3.15
75	0.022	3.40
80	0.022	3.60
90	0.022	4.05
100	0.022	4.50

Standards & Certificates

Standards

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

Certificates

BBA	02/3908
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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.

*Emissivity value in a non-ventilated cavity. This value can only be taken into account if the thermal insulation board Eurowall[®] has been installed as mentioned in the product specification guide.

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