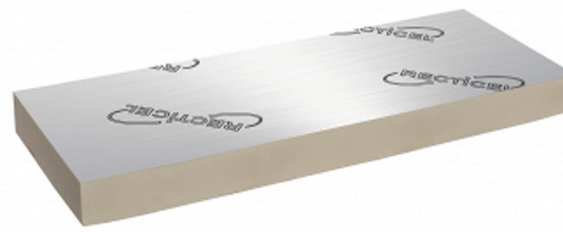


# Eurowall® Cavity



Eurowall Cavity is a thermal insulation board. Its core consists out of polyisocyanurate PIR foam. The board is faced with a gas diffusion tight multilayer foil on both sides. Grid pattern on both sides.

## Application(s)

Thermal insulation of partial fill cavity walls

## Board

Description	Value	Unit	Tolerances	Standard
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### Dimensions

Length	1200	mm		
Width	450, 460*	mm		
Thickness range	20-160*	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m <sup>3</sup>		

### Appearance

Facing	Gas diffusion tight multilayer foil on both sides. Grid pattern on both sides.
Edge finishing	Straight edges on four sides. (tongue and groove available for boards with thickness 75 or 100 mm)

## Essential Characteristics

Description	Standard	EN code	Value	Unit
<b>Thermal conductivity (declared value)</b>				
All thicknesses	EN 13165	$\lambda_D$	0.022	W/m.K
<b>Fire behaviour</b>				
Reaction to fire (product as such)	EN 13501-1	Euroclass	F	
<b>Emissivity**</b>		$\epsilon$	0.05	

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### Recticel Insulation

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

[www.recticelinsulation.com](http://www.recticelinsulation.com)

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# Eurowall<sup>®</sup> Cavity

## Insulation Values

Thickness (mm)	$\lambda_D$ -value (W/mK)	R <sub>D</sub> -value (m <sup>2</sup> K/W)
20	0.022	0.90
25	0.022	1.10
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	(20-160mm)*
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## 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

\* boards available with Tongue and Groove, only width 460mm, only thickness 75 or 100mm, ongoing BBA certification

\*\* Emissivity can only be taken into account in the thermal calculation of a wall when the insulation is installed in a non-ventilated cavity.

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