

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

### Application(s)

Thermal insulation of full fill cavity walls

### Board

Description	Value	Unit	Tolerances	Standard
<b>Dimensions</b>				
Length	1200	mm		
Width	460	mm		
Thickness range	75-140	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m <sup>3</sup>		
<b>Appearance</b>				
Facing	Gas diffusion tight multilayer foil of which one side is reflective with grid pattern and the other side alkali resistant (mat grey).			
Edge finishing	Tongue and groove on 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/m.K
<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	Euroclasse	F	
Emissivity*		$\epsilon$	0.1	
Water vapour diffusion coefficient (foam)	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

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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

BBA	02/3908	(75-140mm)
LABC	EW620	(75-140mm)

### Other / Miscellaneous

#### Production plant

Stoke-on-Trent	Enterprise Way, Meir Park – Stoke-On-Trent, ST3 7UN UK
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#### Handling / maintenance

Storage/handling	Stock dry and protected from direct sunlight
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\* 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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