

# eurowall<sup>®</sup> +

Eurowall<sup>®</sup> + 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 both sides.

## 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, reflective with grid pattern.			
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>Fire behaviour</b>				
Reaction to fire (product as such)	EN 13501-1	Euroclasse	F	
<b>Emissivity*</b>				
			0.05	
<b>Water vapour diffusion coefficient (tabulated value)</b>				
	EN ISO 10456	$\mu$	50 - 100	

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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	23/7035
PEFC	100% PEFC – certificate number: CU-PEFC-COC-867959

## 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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