



# Eurothane<sup>®</sup> GP

Eurothane GP 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 Pitched roofs, Framed walls, Floors (compatible with underfloor heating systems).

## Board

Description	Value	Unit	Tolerances	Standard
<b>Dimensions</b>				
Length	2400	mm		
Width	1200	mm		
Thickness range	25 – 160	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m <sup>3</sup>		
<b>Appearance</b>				
Facing	Gas diffusion tight multilayer foil on both sides and grid on both sides.			
Edge finishing	Straight edges			

## 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 thickness <50 mm	EN 826	CS(10/ $\gamma$ )120	≥120	kPa
Compressive stress or compressive strength at 10% deformation thickness 50-160 mm	EN 826	CS(10/ $\gamma$ )140	≥140	kPa
<b>Fire behaviour</b>				
Reaction to fire (product as such)	EN 13501-1	Euroclass	F	

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### Recticel Insulation

Zuidstraat 15, 8560 Wevelgem, Belgium

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Fire performance	BS 476 (part 7)	Class 1		
Hygrometric properties				
<b>Water vapour diffusion coefficient (foam)</b>	EN ISO 10456	$\mu$	50 - 100	(tab. values)

### Insulation Values

Thickness (mm)	$\lambda$ D-value (W/mK)	RD-value (m <sup>2</sup> K/W)
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
65	0.022	2.95
70	0.022	3.15
75	0.022	3.40
80	0.022	3.60
85	0.022	3.85
90	0.022	4.05
100	0.022	4.50
110	0.022	5.00
120	0.022	5.45
130	0.022	5.90
140	0.022	6.35
150	0.022	6.80
160	0.022	7.25

### Standards & Certificates

#### Standards

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

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## Certificates

BBA

Certificate 02/3905

(25-160mm)

## Other / Miscellaneous

### Production plant

Stoke-on-Trent

Enterprise Way, Whittle road, Meir park Stoke-on-Trent Staffordshire ST3 7UN

### Storage/handling

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, and protected from direct sunlight. Boards that have been allowed to get wet, should not be used.

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