



# Eurothane® GP

Eurothane® GP board is a high performance PIR insulation board, covered on both sides with a gas diffusion tight facer, perfectly suited for multiple applications.

## Application(s)

Thermal insulation of Pitched roofs, Framed walls, Floors (compatible with underfloor heating systems).

## Board

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

## Essential Characteristics

Description	Standard	EN code	Value	Unit
<b>Thermal conductivity (declared value)</b>				
All thicknesses	EN 13165	$\lambda_D$	0.022	W/mK
<b>Mechanical properties</b>				
Compressive stress or compressive				
Strength at 10% deformation thickness <50 mm	EN 826	CS(10/Y)120	≥120	kPa
Compressive stress or compressive				
Strength at 10% deformation thickness 50-160 mm	EN 826	CS(10/Y)140	≥140	kPa
Fire behaviour				
<b>Reaction to fire (product as such)</b>				
Fire performance	EN 13501-1 BS 476 (part7)	Euroclass Class 1	F Class 1	

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### Recticel Insulation

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

[www.recticelinsulation.co.uk](http://www.recticelinsulation.co.uk)

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insulation

Hygrometric properties

Water vapour diffusion resistance factor (Tabulated values) EN ISO 10456  $\mu$  50 - 100

**Insulation Values**

Thickness (mm)	$\lambda_D$ -value (W/mK)	$R_D$ -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

**Certificates**

BBA	Certificate 02/3905
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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.

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