

# Eurothane<sup>®</sup> PL

Eurothane<sup>®</sup> PL is a durable PIR insulated plasterboard.

## Application(s)

Internal wall insulation and pitched roof applications.

## Board

Description	Value	Unit	Tolerances	Standard
<b>Dimensions</b>				
Length	2400	mm		
Width	1200	mm		
Thickness	25,40,50,60,65	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m <sup>3</sup>		
<b>Appearance</b>				
Facing	Multilayered kraft and aluminium foil with 12,5mm plasterboard bonded to one side.			
Edge finishing	Straight edges.			
Edge finishing plasterboard	Tapered edge plasterboard on the long sides			

## 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>Fire behaviour</b>				
Reaction to fire (end use)	EN 13501-1	Euroclass	B-s1, d0	(end use)
<b>Hygrometric properties</b>				
Water vapour diffusion resistance factor (Tabulated value)	EN ISO 10456	$\mu$	50-100	

## Insulation Values

Thickness (mm)	$\lambda_D$ -value (W/mK)	$R_D$ -value (m <sup>2</sup> K/W)
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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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25+12.5	0.022	1.15
40+12.5	0.022	1.85
50+12.5	0.022	2.30
60+12.5	0.022	2.70
65+12.5	0.022	3.00

## Standards & Certificates

<b>Standards</b>	EN 13165
Product standard (Gypsum plaster board)	EN 13950:2005
Production	ISO 9001:2015
Environmental management	ISO 14001:2015
<b>Certificates</b>	
BBA	Certificate 14/5136

## 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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