

Eurothane PL 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 and post laminated with a plasterboard on one side.

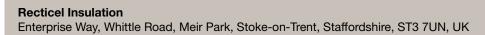
Application(s)

Internal wall insulation and pitched roof applications.

Board				
Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	2400	mm		
Width	1200	mm		
Thickness range	25-65	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m³		
Appearance				
Facing	Gas diffusion tight multilayer foil on both sides and a on one side.	post lamina	ted plasterboard	l (12,5mm)
Edge finishing	Straight edges.			
Edge finishing plasterboard	Tapered edge plasterboard on the long sides			

Standard	EN code	Value	Unit
EN 13165	λ _D	0.022	W/m.K
EN 13950	Euroclasse	B-s1, d0	
EN ISO 10456	μ	50-100	
	EN 13165 EN 13950	EN 13165 λ _D EN 13950 Euroclasse	EN 13165 λ _D 0.022 EN 13950 Euroclasse B-s1, d0

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Insulation Values		
Thickness (mm)	$\lambda_{\mbox{D}}\mbox{-value (W/mK)}$	R _D -value (m²K/W)
25+12.5*	0.022	1.15
40+12.5*	0.022	1.85
50+12.5*	0.022	2.30
65+12.5*	0.022	3.00
*12.5 = thickness gypsum Plasterboard; thermal performance is taken into account in the thermal resistance R _D -value.		

 $\lambda_{\mbox{\rm D}}\mbox{-}\mbox{value}$ refers to insulation board.

Standards & Certificates

Standards		
Product standard (Insulation board)	EN 13165:2012 + A2:2016	
Product standard (Gypsum plaster board)	EN 13950:2005	
Production	ISO 9001:2015	
Environmental management	ISO 14001:2015	
Certificates		
BBA	Certificate 14/5136	(25-80mm)

Other / Miscellaneous	
Production plant	
Stoke-on-Trend, UK	Enterprise Way, Stoke-on-Trent ST3 7UN
Storage/handling	Stock dry and protected from direct sunlight

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