



Plylok 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 to plywood on one side.

### Application(s)

Thermal insulation used in warm flat roofs. The board can be used in mechanical fixed ply waterproofing systems.

### Board

Description	Value	Unit	Tolerances	Standard
<b>Dimensions</b>				
Length	2400	mm		
Width	1200	mm		
Thickness range	90 - 120	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 with 6mm plywood post laminated to the upper face			
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	EN 826	CS(10/Y)140	≥140	kPa
<b>Fire behaviour</b>				
Reaction to fire (product as such)	EN 13501-1	Euroclasse	F	

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#### Recticel Insulation

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

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### Insulation Values

Thickness (mm)	$\lambda_D$ -value (W/mK)	$R_D$ -value (m <sup>2</sup> K/W)
96	0.022	4.05
116	0.022	5.00
126	0.022	5.45

\*Plywood is not taken into account in thermal performance

### Standards & Certificates

#### Standards

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

### Other / Miscellaneous

#### Production plant

Stoke-on-Trent Enterprise Way, Meir Park, Stoke-on-Trent, ST3 7UN

#### Storage/handling

Stock dry and protected from direct sunlight

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