plylok®

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
Dimensions				
Length	2400	mm		
Width	1200	mm		
Thickness range	90 - 120	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m³		
Appearance				
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
Thermal conductivity (declared value)				
All thicknesses	EN 13165	λ_D	0.022	W/m.K
Mechanical properties				
Compressive stress or compressive strength at 10% deformation	EN 826	CS(10/Y)140	≥140	kPa
Fire behaviour				
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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plylok®

Insulation Values

Thickness (mm)	λ_D-value (W/mK)	R_D-value (m²K/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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