



Plylok® is a thermal insulation board for use in warm flat roofs under traditional bituminous waterproofing and single-ply waterproofing membranes

Application(s)

Thermal insulation for warm flat roofs under traditional bituminous waterproofing and single-ply membrane systems

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	2400	mm		
Width	1200	mm		
Thickness	96 - 126	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m³		
Appearance				
Facing	Gas tight multilayer facer with 6mm plywood bonded to the upper face			
Edge finishing	Straight			

Essential Characteristics

Description	Standard	EN code	Value	Unit
Thermal conductivity (declared value)				
All thicknesses	EN 13165	λ_D	0.022	W/mK
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	Euroclass	F	
Hygrometric properties				
Water vapour diffusion resistance factor (Tabulated value)	EN ISO 10456	μ	NPD	

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Recticel Insulation

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

www.recticelinsulation.co.uk

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Insulation Values

Thickness (mm)	λ_D -value (W/mK)	R_D -value (m ² K/W)
96	0.022	4.05
116	0.022	5.00
126	0.022	5.45

Standards & Certificates

Standards

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

Certificates

Other / Miscellaneous

Production Plant

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