

Eurothane® Eurodeck is a thermal insulation board for use in warm flat roofs under mechanically fixed single-ply membrane waterproofing systems

Application(s)

Warm flat roofs under mechanically fixed single-ply membrane waterproofing systems

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	2400	mm		
	1200	mm		
	600	mm		
Width	1200	mm		
Thickness	30 - 160	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m ³		
Appearance				
Facing	Gas diffusion tight multilayer			
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)150	≥150	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	50-100	

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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)	λ_D -value (W/mK)	R_D -value (m ² K/W)
30	0.022	1.35
40	0.022	1.80
50	0.022	2.25
60	0.022	2.70
70	0.022	3.15
75	0.022	3.40
80	0.022	3.60
90	0.022	4.05
100	0.022	4.50
110	0.022	5.00
120	0.022	5.45
130	0.022	5.90
140	0.022	6.35
150	0.022	6.80
160	0.022	7.25

Standards & Certificates

Standards

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

Certificates

BBA	95/3113
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Other / Miscellaneous

Production Plant

Recticel Insulation Enterprise Way, Whittle Rd, Meir Park, Stoke-on-Trent, Staffordshire ST3 7UN

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