

Eurothane® EWall

Eurothane® EWall is a thermal insulation board for use in wall constructions

Application(s)

Thermal insulation for wall constructions

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	2400	mm		
Width	1200	mm		
Thickness	30-200	mm	T2	EN 823
Density (core volume weight)	±30	kg/m ³		
Appearance				
Facing	Gas diffusion tight multilayer			
Edge finishing	Tongue and groove			

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)120	≥ 120	kPa
Tensile strength perpendicular to faces	EN 1607	TR80	≥80	kPa
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclass	E	
Hygrometric properties				
Water absorption				
long term water absorption by total immersion	EN 12087	WL(T)2	2	vol-%

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Recticel Insulation

Zuidstraat 15, 8560 Wevelgem, Belgium

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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
81	0.022	3.65
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
170	0.022	7.70
180	0.022	8.15
190	0.022	8.60
200	0.022	9.05

Standards & Certificates

Standards

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

Other / Miscellaneous

Production Plant

Wevelgem Zuidstraat 15, BE-8560 Wevelgem, Belgium

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