

Instafit 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.



Application(s)

Floor, internal wall & ceiling, pitched roof internal and cavity insulation

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	450, 600, 2400	mm		
Width	1200	mm		
Thickness range	25-150	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m ³		
Appearance				
Facing	Gas diffusion tight multilayer foil on both sides.			
Edge finishing	Tongue and groove (4 sides) 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
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclasse	NPD	
Hygrometric properties				
Water vapour diffusion coefficient (foam)	EN ISO 10456	μ	50-100	
Long term water absorption by total immersion	EN 12087	WL(T)2	<2	vol-%

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Recticel Insulation

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Insulation Values

Thickness (mm)	λ_D -value (W/mK)	R_D -value (m ² K/W)
25	0.022	1.10
50	0.022	2.25
75	0.022	3.40
100	0.022	4.50
120	0.022	5.45
150	0.022	6.80

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

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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