

IP PIR 022

IP PIR 022 is an insulation panel with a core of rigid polyisocyanurate (PIR) foam, faced on both sides with a gasdiffusiontight multi-layered complex.

Application(s)

Thermal insulation layer for concrete sandwich panels (SIPS)

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	2400 or 2500	mm		
Width	1200	mm		
Thickness (standard on stock)	30, 40, 50, 60, 70, 80, 100, 110	mm	T2	EN 823
Thickness (on demand)	30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170	mm	T2	EN 823
Appearance				
Facing	Gasdiffusiontight multi-layer complex			
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/mK
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclass	F	

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

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Recticel Insulation

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

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Thickness (mm)	λ_D -value (W/mK)	R_D -value (m ² K/W)
50	0.022	2.25
60	0.022	2.70
70	0.022	3.15
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
170	0.022	7.70

Standards & Certificates

Standards

Product standard	EN 13165:2012 + A2:2016
Production	ISO 9001:2008
Environmental management	ISO 14001:2004

Certificates

ACERMI	16/003/1131 (Production Bourges)
VOC: A+	VOC: A+

Other / Miscellaneous

Production Plant

Wevelgem	Zuidstraat 15, BE-8560 Wevelgem, Belgium
Bourges	1 rue Ferdinand Lesseps, 18000 Bourges, France

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