

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
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##### Dimensions

Length	450*, 600**, 2400***	mm		
Width	1200	mm		
Thickness range	25-150	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m³		

(\*) ONLY cavity applications

(\*\*) ONLY for floor, wall, ceiling and pitched roof internal applications, NO cavity applications

(\*\*\*) ALL applications

##### 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
<b>Thermal conductivity (declared value)</b>				
All thicknesses	EN 13165	$\lambda_D$	0.022	W/m.K
<b>Fire behaviour</b>				
Reaction to fire (product as such)	EN 13501-1	Euroclasse	NPD	
<b>Hygrometric properties</b>				
Water vapour diffusion coefficient (foam)	EN ISO 10456	$\mu$	50-100	
Long term water absorption by total immersion	EN 12087	WL(T)2	≤ 2	vol-%

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#### Recticel Insulation

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

[www.recticelinsulation.com](http://www.recticelinsulation.com)

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insulation

### Insulation Values

Thickness (mm)	$\lambda_D$ -value (W/mK)	$R_D$ -value (m <sup>2</sup> 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

#### Certificates

PEFC	100% PEFC - certificate number: CU-PEFC-867959
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### Other / Miscellaneous

#### Production plant

Bourges	ZAC du Parc de la Voie Romaine, 1 Rue Ferdinand de Lesseps, 18000 Bourges
Stoke-on-Trent	Entreprise Way, Meir Park, Stoke-on-Trent, ST3 7UN

<b>Storage/handling</b>	Stock dry and protected from direct sunlight
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