



# Eurothane® Eurodeck

Eurothane Eurodeck 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)

Thermal insulation used in warm flat roofs. The board can be used in mechanical fixed waterproofing systems.

## Board

Description	Value	Unit	Tolerances	Standard
<b>Dimensions</b>				
Length	2400	mm		
	1200	mm		
	600	mm		
Width	1200	mm		
Thickness range	30 - 160	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m <sup>3</sup>		
<b>Appearance</b>				
Facing	Gas diffusion tight multilayer on both sides			
Edge finishing	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>Mechanical properties</b>				
Compressive stress or compressive strength at 10% deformation	EN 826	CS(10/ Y)150	≥150	kPa
<b>Fire behaviour</b>				
Reaction to fire (product as such)	EN 13501-1	Euroclasse	F	

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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 Values

Thickness (mm)	$\lambda_D$ -value (W/mK)	R <sub>D</sub> -value (m <sup>2</sup> 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	(30-160mm)
PEFC	100% PEFC - certificate number: CU-PEFC-867959	

### Other / Miscellaneous

#### Production plant

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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