

eurothane[®] gp

Eurothane GP 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. Grid pattern on both sides.

Application(s)

Thermal insulation of Pitched roofs, Framed walls, Floors (compatible with underfloor heating systems)

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	2400	mm		
Width	1200	mm		
Thickness range	20 – 160	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m ³		
Appearance				
Facing	Gas diffusion tight multilayer foil on both sides and grid on both sides.			
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/m.K
Mechanical properties				
Compressive stress or compressive strength at 10% deformation	EN 826	CS(10/Y)120	≥120	kPa
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclasse	F	

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Hygrometric properties

Water vapour diffusion coefficient (tabulated value)	EN ISO 10456	μ	50 - 100	(tab. values)
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Insulation Values

Thickness (mm)	λ_D -value (W/mK)	R_D -value (m ² K/W)
20	0.022	0.90
25	0.022	1.10
30	0.022	1.35
40	0.022	1.80
50	0.022	2.25
60	0.022	2.70
65	0.022	2.95
70	0.022	3.15
75	0.022	3.40
80	0.022	3.60
85	0.022	3.85
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

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Standards & Certificates

Standards

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

Certificates

BBA	24/7254	(25-160 mm)
PEFC	100% PEFC - certificate number: CU-PEFC-COC-867959	
VOC	A+	

Other / Miscellaneous

Production plant

Stoke-on-Trent Enterprise Way, Whittle road, Meir park Stoke-on-Trent Staffordshire ST3 7UN

Storage/handling

The packaging in which the product is supplied, is not suitable for outside storage. Boards should be kept, dry, stored clear of the ground and covered with a weatherproof sheet, and protected from direct sunlight. Boards that have been allowed to get wet, should not be used.

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