



L-Ments is a self-supporting thermal insulation board. Its core consists out of rigid polyisocyanurate PIR foam. In the core there are two integrated timber stiffeners. The board is faced with a gas diffusion tight multilayer on both sides and two counter battens are attached to one side.

Application(s)

Thermal insulation for pitched roofs, supported by and fixed on a purlin structure, spans according to the Recticel guidelines.

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	3600 up to 6500 (per 300mm steps)	mm		
Width	1200 (1185 net)	mm		
Thickness range	145-200	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m ³		
Appearance				
Facing	Gas diffusion tight Multilayer foil on both sides and two wooden counter battens on one side.			
Edge finishing	Shiplapped on the two longitudinal sides.			

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Recticel Insulation

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

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Essential Characteristics

Description	Standard	EN code	Value	Unit
Thermal conductivity (declared value)				
All thicknesses	EN 13165	λ_D	0.023	W/m.K
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclasse	F	
Hygrometric properties				
Water vapour diffusion coefficient (foam)	EN ISO 10456	μ	50-100	

Insulation Values

Thickness (mm)	λ_D -value (W/mK)	R_D -value (m ² K/W)
145	0.023	6.30
160	0.023	6.95
180	0.023	7.80
200	0.023	8.65

Standards & Certificates

Standards

Product standard	EN 13165:2013 + A2:2016
Production	ISO 9001:2015

Certificates

VOC	A	(145-200)
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Other / Miscellaneous

Production plant

Bourges	Recticel SAS 1 Rue Ferdinand de Lesseps F. 18000 Bourges	(baseboard)
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Storage/handling

Stock dry and protected
from direct sunlight

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Other properties

Rectivent flexible underlay sheet, breathable membrane suitable for pitched roofs (adhesively bonded to the insulation board, double-sided tape and liner on long edge).

Material: PP-Fleece

Thickness: 0.6 mm

Vapor permeability: $\mu\text{d}/\text{sd}$: 0.025 m

UV-Resistance: 12 weeks (moderate European climate)

Outdoor exposure as a temporary cover: 4 weeks

Resistance to water passage (EN 1928-A) : W1

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