

Product Datasheet

Alumasc Topcover Recovery Board

Sheet No: PD115FR
 Issued: June 2023
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Description

Topcover is a high compressive strength overlay recovery board. Its core consists of high density rigid polyisocyanurate PIR foam. The board is faced with a mineral coated glass fleece on both sides.

Use

For use as a roofing overlay board under new waterproofing systems when refurbishing existing waterproofing systems which are not suitable for a direct membrane overlay. It can also be used in combination with standard PIR boards to provide added protection to the insulation below in areas of excessive traffic and high loadings.

Application

Attach the boards as specified with staggered end joints. The boards can be cut with a fine-toothed saw.

Board

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	2440 (thickness 10 mm) 1200 (thickness 15 mm)	mm		
Width	1205 (thickness 10 mm) 600 (thickness 15 mm)	mm		
Thickness range	10 - 15	mm	T2	EN 823
Density (core volume weight)	± 75	kg/m ³		
Appearance				
Facing	Mineral coated glass fleece 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	0.034	W/m.K
Mechanical properties				
Compressive stress or compressive strength at 10% deformation	EN 826	CS(10/Y)500	≥ 500	kPa
Tensile strength perpendicular to faces	EN 1607	TR80	≥80	kPa
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclasse	E	
Hygrometric properties				
Water vapour diffusion coefficient (foam)	EN ISO 10456	μ	50-100	

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Insulation Values

Thickness (mm)	λ _D -value (W/mK)	R _D -value (m ² K/W)
10	0.034	0.25
15	0.034	0.40

Standards & Certificates

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

Storage/Handling

Stock dry and protected from direct sunlight.

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Health & Safety

Safety Data Sheets are available upon request and can also be downloaded directly from www.alumascroofing.com.

Technical Support

Technical advice is available from Alumasc Technical Services at:

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