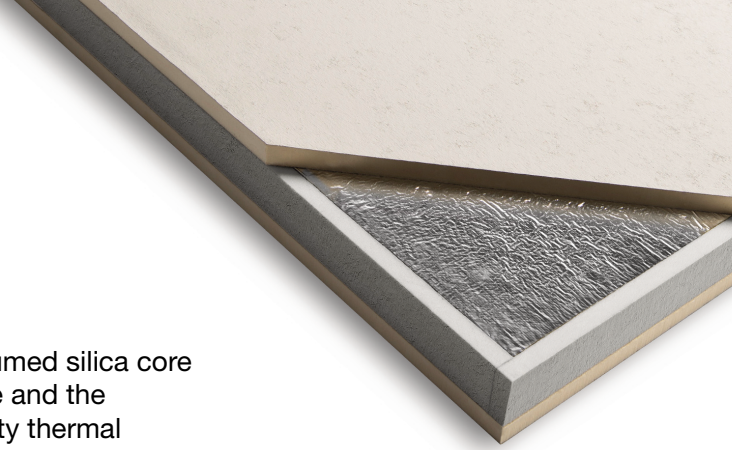




Deck-VQ



Deck-VQ is a vacuum insulation panel (VIP) containing a fumed silica core material. The core is inserted into a multilayer foil envelope and the vacuum insulation panel is encapsulated with a high density thermal insulation board (PIR) on all sides.

Application(s)

Thermal insulation for flat roofs and terraces.

Product

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	600-1200	mm		
Width	300-600	mm		
Thickness range	40-70	mm	T2	EN 823
*20-50mm VIP + 2x10mm high density insulation board.				
Weight	5-12	kg/m ²		
Appearance				
Facing	The board is faced with a mineral coated glass fleece on top and bottom side			
Edge finishing	Straight edges			

Essential Characteristics

Description	Standard	EN code	Value	Unit
Mechanical properties				
Compressive strength at 10% deformation	EN 826	CS(10/Y)150	≥ 150	kPa
Tensile strength perpendicular to faces	EN 1607	TR80	≥ 80	kPa
Dimensional stability under specified temperature and humidity conditions				
48 hrs 70°C, 90% RH	EN 1604	DS(70,90)3		
Deformation under specified compressive load and temperature conditions	EN 1605	DLT(2)5	≤5	%
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclass	E	

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Zuidstraat 15, 8560 Wevelgem, Belgium

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Hygrometric properties

Water vapour diffusion resistance factor	EN ISO 10456	μ	NPD
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Insulation Values

Thickness (mm)	R _D -value (m ² K/W)
40	4,00
45	5,00
50	5,55
55	6,85
60	7,50
65	8,10
70	8,75

Standards & Certificates

Standards

European assessment document (EAD)	040011-00-1201 2017
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Certificates

ETA	18/0846 (pending)
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Other / Miscellaneous

Production Plant

Šoštanj	Turvac, onovativne izolacije, d.o.o. Primorska cesta 6b, 3325 Šoštanj, Slovenja
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Storage/ maintenance

Stock dry and covered from direct sunlight

The envelope of the vacuum insulation panel must not be damaged by drilling, milling, nailing... Handle with care!

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