

STICKER HELAST VB 500



Nature of product

STICKER HELAST VB 500 is a cold-applied, self-adhesive bituminous vapour control layer which is saturated and coated with high quality SBS (Styrene-Butadiene-Styrene) modified bitumen. It has an integrated aluminium foil layer, a glass fibre reinforcement and is finished on the topside with a removable siliconised film.

Intended use

STICKER HELAST VB 500 is designed for use as a high performance vapour barrier, and is ideal for use on metal profiled decking and in areas prone to increased temperatures and moisture levels (e.g. factories, swimming pools, gyms).

Application procedure

STICKER HELAST VB 500 should be installed in accordance with manufacturer recommendations and all relevant national standards and codes of practice, including BS 8217: 2005 – the code of practice for reinforced bitumen membranes for roofing. Roofing contractors should also be fully conversant with the guidelines set out in the National Federation of Roofing Contractors (NFRC) ‘Safe2Torch’ campaign. If hot air guns are used during application, operatives should be competent, conversant and capable of using such items in a safe and responsible manner. Care must also be taken when using hot air guns in close proximity to combustible materials, decorative coatings and heat sensitive materials.

In order to install the STICKER HELAST VB 500 membrane correctly, ensure that the surface is dry, free of oil, fat and dust and other impurities. The membrane should be unrolled, aligned and set into position alongside other rolls and profiled decking. Once aligned, one end of the siliconised film should be peeled back. The edge of the STICKER HELAST VB 500 membrane can then be pressed to the profiled decking substrate. The product should then be unrolled on to the deck whilst simultaneously pulling off the siliconised film.

Warnings

Chemical Resistance

STICKER HELAST VB 500 is water-resistant and is resistant to watery solutions of salt, diluted non-oxidising acids and bases. Aliphatic and aromatic hydrocarbons, as well as chlorine hydrocarbons, oils and greases may loosen the product and should therefore be avoided.

Storage

Store in a cool and dry place. Protect from direct sunlight. The product should be installed within 3 months of delivery, otherwise the surface must be primed with a suitable primer (please contact IMPER ITALIA for further details).

PRODUCTS	FIELDS OF USE ⁽¹⁾						
	Roofing (EN 13707)					Vapor control (EN 13970)	Foundations (EN 13969)
	Exposed		Roof gardens	Under heavy-duty protection			
	Single-ply	Multi-ply		Root-resistant	Single-ply	Multi-ply	Multi-ply
Upper		Lower					
STICKER HELAST VB 500						•	

(1) In compliance with the applicable AISPEC/SITEB-MBP Guidelines.

TECHNICAL SPECIFICATIONS

Specifications	EN Standards	Unit of Measure	Tolerances ⁽²⁾	STICKER HELAST VB 500
Roll dimensions	1848-1	m	≥	50 x 1.08 (-1%)
Thickness	1849-1	mm	±5%	0.5
Mass per unit area	1849-1	kg/m ²	±10%	0.5
Watertightness	1928-B	kPa	≥	60
Cold flexibility	1109	°C	≤	-25
Flow resistance at elevated temperature	1110	°C	≥	90
L/T tensile strength	12311-1	N/5cm	±20%	600/600
Vapour permeability, S _d	-	m	>	1500
External fire behaviour	13501-5	EC ⁽³⁾	-	Froof
Fire reaction	13501-1	EC ⁽³⁾	-	E

Notes: ⁽²⁾ In compliance with the applicable AISPEC-MBP Guidelines.

⁽³⁾ Euroclass.

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