

Villaself SKB-PLUS

The Product

Villaself SKB-Plus is a self adhesive SBS-modified bitumen vapour barrier with an aluminium composite compound carrier. The top can be activated by heat, thus insulation boards of polystyrene and polyurethane can be applied efficiently. A special glass fleece protects the membrane against roughness of the concrete surface. Production and the factory production control-system are certified according to EN ISO 9001.

Product benefits

- „ vapour tight and air tight
- „ self adhesive on concrete
- „ clean and quick application
- „ reliable side lap connection because of removable protection stripes
- „ perforation resistant
- „ ideal bonding conditions for polystyrene-, mineral wool- and polyurethane boards

Field of Application

Villaself SKB-Plus is used as a vapour barrier according to the "rules and regulations for flat roofing" of the ZVDH or the "ABC of bitumen membranes" from the VDD.

Application Method

Villaself SKB-Plus sticks to primed concrete base ground by removing the siliconised film from the bottom. End- and side laps should be at least 8 cm wide. Side laps are to be pressed for better adhesion. Head joints are to be torched as limited water proofing. Corners at T - joints are to be cut at an angle of ~ 45°. Possible steps created at T - joints are to be compensated with **Villaplast** or **Vedatex**.

The fixing of the polystyrene - or polyurethane boards has to be done immediately after torching off the foil on top of the membrane. Simply lay the boards into the hot bitumen. In order to apply boards of mineral wool, the bitumen on top of the membrane has to be liquefied for excellent adhesiveness to the top of the board.

Technical Data

Thickness	[mm]		2,7
Dimensions	[m]		1,00 x 10,00
Bottom side			self adhesive SBS-modified bitumen removable foil
Reinforcement			glass fleece reinforced, - aluminium compound carrier
Top side			self adhesive SBS-modified bitumen, torch film, removable side stripes
Flexibility at low temperature Temperature resistance	[°C]		- 30 + 100
Thickness of vapour diffusion-equivalent air layer $s_d = \mu \cdot s$	[m]		> 1500
Maximum tensile force Elongation at max. tensile force	[N / 5 cm] [%]	(l / q) (l / q)	500 / 400 2 / 2
Tested according DIN 52123			
Above figures are nominal figures, depending on statistic fluctuations. Technical modifications reserved. It is responsible to the user to check the suitability of the product in case of application and to make sure to be in possession of final release of the data sheet.			
Villaself SKB-PLUS Export R001			update status: Apr. 2003 - her

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Storage

The rolls have to be stored vertically and protected against moisture and extreme heat. Before application in cold seasons, store at least 12 hours free from frost!