

Villas Alpin SO

Pent roof membrane - self adhesive

The Product **Villas Alpin SO** is a waterproofing membrane with glass grid combination carrier, both sides covered with polymer modified bitumen and finished with coloured granules topside (slate grey, brick red, natural green, anthracite, brown, tweed brown), underneath with self adhesive bitumen and removable film. Production processing and factory control are certified according to EN ISO 9001: 2000.

Product Features **Villas Alpin SO**

- self adhesive; fast and clean application.
- easy application at fine sensitive areas (e.g. circuit points).
- only thermic activation.
- good deterioration stability due to new developed polymer modified bitumen.

Field of Application and Application Method **Villas Alpin SO** application follows by removing the removable film underneath, followed by thermic activation through soft torching with a gas torcher or with a hot air device. Longitudinal- and head seams overlaps of 8 cm min. Straggered compounded to the underlayer membrane (50 cm). **Villas Alpin SO** is designed for the use at flat roofs and sloped roofs (slope 3° -20°).

Technical Data

| | | |
|--|---|---|
| Thickness | [mm] | 4,0 |
| Weight | [kg/m ²] | 4,9 |
| Maximum tensile force | [N/5 cm] | 1000/1000 |
| Elongation at max. tensile force | [%] | 3/3 |
| Cold flexibility (r = 15 mm/3 s), no cracks | [° C] | top side -10 / low side -25 |
| Heat resistance, method A , 2 hours | [° C] | top side +130 / low side + 100 |
| Waterproof, 5 bar, 24 hours | | waterproof |
| Softening point of coating mass | [° C] | > 120 |
| Reinforcement | | glass grid / fleece combination |
| Thickness of vapour diffusion-equivalent air layer | [µ.s (m)] | 120 |
| Chemical resistance resistant | | water, saline solution, dilution acids and bases |
| labile | | oil, mineral oil products, hydro-carbon solutions |
| Surface, top/bottom | | mineral granules/ removable film |
| Roll dimension, length / width | [m] | 7,5/1 |
| Product No. | slate grey: 100451 brick red: 100453 natural green: 100456 Anthracit: 100457 Brown: 100452 tweed brown: 100455 dolomitgrey : 101083 | |

Tested according ÖNORM B3646

Note Above figures are nominal figures, depending on statistic fluctuations. Technical modifications reserved. It is in user's responsibility to verify the suitability of the product in all application aspects and to make sure to be in possession of final release of the data sheet.
Any liability for errors or misprints excluded, modifications without notice reserved.
VILLAS ALPIN SO R009 update status: Feb. 2006 -sw

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