

# 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 <sup>2</sup> ]	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.  
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## 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!