

S-Felt VS 140

Filter-layer

Product Description

S-Felt VS 140 is a filter-layer made of polypropylene (PP)

Uses

S-Felt VS 140 is used as a filter-layer in inverted roofs to prevent small particles from penetrating gaps and voids in the thermal insulation layer.

Characteristics / Advantages

- Bitumen resistant
- Non decaying
- Alkaline solutions resistant (pH 11.6)
- High resistance to bacterial infestation
- Long lifespan
- Ease of application
- Recyclable

Tests

Approvals / Standards

- Quality management system EN ISO 9001/14001

Product Data

Form

Appearance

Surface: structured

Colour

Grey

Packaging:

S-Felt VS 140 rolls are wrapped individually in transparent PE-foil.

Roll length: 50.00 m
Roll width: 2.00 m
Roll weight: 14.00 kg

Storage

Storage Conditions

S-Felt VS 140 rolls should be stored in dry conditions and in horizontal position, protected from direct sunlight.

Shelf-Life

S-Felt VS 140 does not expire during correct storage.



Technical Data

Material Basis	100 % Polypropylene (PP)	
Length	50.00 m	
Width	2.00 m (+/- 2 %)	
Thickness	0.5 mm (+/- 10 %)	EN 964-1
Mass per unit area	140 g/m ² (+/- 10%)	EN 965
Tensile strength:		EN 10319
longitudinal	≥ 450 N/50 mm	
transversal	≥ 450 N/50 mm	
Elongation:		EN 10319
longitudinal	≥ 50 %	
transversal	≥ 50 %	

System Information

System Structure	Ancillary products:	- Sarnacol® 2170 - Sarnacol® T660
	Compatible products:	All types of Sarnafil® and Sikaplan® membranes

Application Conditions / Limits

Resistance	Not applicable for permanent exposure to UV irradiation.
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Installation Instructions

Application Method	S-Felt VS 140 is loose laid according to the valid installation instructions for Sikaplan®.
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Notes on Installation / Limits

Installation works must be carried out only by Licensed Sika-Trocac Contractors.

Temperature limits for the installation of the S-Felt VS 140:

Substrate temperature: -30 °C min. / +60 °C max.

Ambient temperature: -20 °C min. / +60 °C max.

Installation of some ancillary products, e.g. contact adhesives / cleaners is limited to temperatures above +5 °C. Please observe information given by Product Data Sheets.

Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

Disclaimer

The information, and, in particular, the recommendations relating to the application and end- use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Roofing

Value Base	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
Local Restrictions	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
Ecology, Health and Safety Information	The product does not fall within the EC-regulation of hazardous goods. As a result, a material safety data sheet following EC-Guideline 91/155 EWG is not needed to bring the product to the market, transport or use it. The product does not damage the environment when used as specified.
Protective Measures	Fresh air ventilation must be ensured, when working (welding) in closed rooms. Local safety regulations must be observed.
Transportation Class	The product is not classified as hazardous good for transport.
Disposal	The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.



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