

# S-Felt VS 140

## Filter-layer

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### Product Description

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

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### 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.

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### Characteristics / Advantages

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

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### Tests

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#### Approvals / Standards

- Quality management system EN ISO 9001/14001

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### Product Data

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#### Form

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#### Appearance

Surface: structured

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#### Colour

Grey

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#### 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

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### Storage

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#### Storage Conditions

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

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#### Shelf-Life

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

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**Technical Data**

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

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## System Information

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

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## Application Conditions / Limits

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<b>Resistance</b>	Not applicable for permanent exposure to UV irradiation.
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## Installation Instructions

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<b>Application Method</b>	S-Felt VS 140 is loose laid according to the valid installation instructions for Sarnafil® and Sikaplan®.  If necessary S-Felt VS 140 can be tacked to the substrate with Sarnacol® 2170 or Sarnacol® T 660. Adjoining sheets must overlap at least 300mm.
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<b>Notes on Installation / Limits</b>	Installation works must be carried out only by Registered Sarnafil 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.
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<b>Value Base</b>	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.
<b>Local Restrictions</b>	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.
<b>Ecology, Health and Safety Information</b>	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.
<b>Protective Measures</b>	Fresh air ventilation must be ensured, when working (welding) in closed rooms. Local safety regulations must be observed.
<b>Transportation Class</b>	The product is not classified as hazardous good for transport.
<b>Disposal</b>	The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

All data in our product information are based on our current knowledge and experience. They do not release users from careful testing of the application and strict observation of the relevant processing regulations because of the wide range of possible influences during the application and use of our products. Legally valid assurances of specific characteristics or suitability for special purposes of application other than those provided in our documentation for the specific product cannot be inferred from our information. Any protective rights or existing laws and provisions must be followed by the recipient or processor of our products at their own responsibility. Moreover our general terms and conditions of sale and guarantee are valid.



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