

PRODUCT DATA SHEET

S-Felt VS-140

POLYPROPYLENE FILTER LAYER

PRODUCT DESCRIPTION

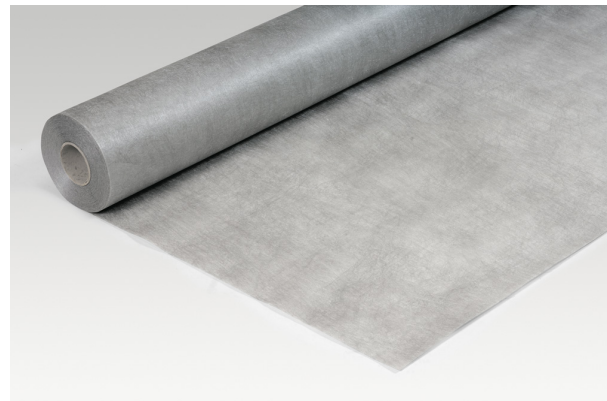
S-Felt VS-140 is a filter layer made of polypropylene (PP)

USES

- Filter layer in inverted roofs systems to prevent small particles from penetrating gaps and voids in the thermal insulation layer

CHARACTERISTICS / ADVANTAGES

- Bitumen resistant
- Alkali resistant (pH 11,6)
- Ease of application
- Recyclable (Delete if recycling facilities or recycling offerings are not available in local country)



PRODUCT INFORMATION

Chemical Base	100 % Polypropylene (PP)	
Packaging	Rolls wrapped individually in transparent PE-foil.	
	Length	50,00 m
	Width	2,00 m
	Weight	14,00 kg
Appearance / Colour	Surface	Structured
	Colour	Grey
Shelf Life	5 years from date of production.	
Storage Conditions	Product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures between +5 °C and +30 °C. Store in a horizontal position. Do not stack pallets of the rolls on top of each other, or under pallets of any other materials during transport or storage. Always refer to packaging.	
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)

TECHNICAL INFORMATION

Tensile Strength	longitudinal	≥450 N/50 mm	(EN 10319)
	transversal	≥450 N/50 mm	
Elongation	longitudinal	≥50 %	(EN 10319)
	transversal	≥50 %	

SYSTEM INFORMATION

System Structure	The following products must be considered for use depending on roof design: <ul style="list-style-type: none"> ▪ All types of Sarnafil® and Sikaplan® membranes ▪ Sarnacol®-2170 ▪ Sarnacol® T-660
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APPLICATION INFORMATION

Ambient Air Temperature	-20 °C min. / +60 °C max.
Substrate Temperature	-30 °C min. / +60 °C max.

APPLICATION INSTRUCTIONS

APPLICATION

S-Felt VS-140 is loose laid accordance with installation instructions: Sarnafil® and Sikaplan®.
If necessary S-Felt VS-140 can be spot bonded to the substrate with Sarnacol®-2170 or Sarnacol® T-660.
Adjoining sheets must overlap at least 50 mm.
When pouring a cementitious topping over PE coated S-Felt VS-140, either tape seams tightly or use wider laps, to ensure cement slurry is prevented from penetrating the felt layer at the seams.

LIMITATIONS

Installation work must only be carried out by Sika® trained and approved contractors, experienced in this type of application.

- Do not use for permanent exposure to UV radiation.
- The use of some ancillary products such as adhesives, cleaners and solvents is limited to temperatures above +5 °C. Observe temperature limitations in the appropriate Product Data Sheets.
- Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

REGULATION (EC) NO 1907/2006 - REACH: This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).

LEGAL NOTES

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.

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