

PRODUCT DATA SHEET

S-Felt GK-400

Polypropylene protection and slip layer

PRODUCT DESCRIPTION

S-Felt GK-400 is a protection and slip layer made of polypropylene (PP) with a polyethylene (PE) coating on one side.

USES

- Protective and slip-layer beneath paving or poured cementitious toppings.

CHARACTERISTICS / ADVANTAGES

- Bitumen resistant
- Acids resistant (pH 2,4)
- Easily applied



PRODUCT INFORMATION

Chemical Base	100 % polypropylene (PP) (foil PE)	
Packaging	Wrapped individually in black PE-foil.	
	Roll length	50,00 m
	Roll width	2,00 m
	Roll weight	40,00 kg
Appearance / Colour	<u>Surfaces</u>	<u>Structured and smooth</u>
	<u>Colours</u>	<u>Multi-coloured/black</u>
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	2,7 mm (+/- 10 %)	(EN 9863)				
Mass per unit area	400 g/m ² (+/- 10 %)	(EN 9864)				
Tensile Strength	<table border="1"> <tr> <td>longitudinal</td> <td>≥ 360 N/50 mm</td> </tr> <tr> <td>transversal</td> <td>≥ 480 N/50 mm</td> </tr> </table>	longitudinal	≥ 360 N/50 mm	transversal	≥ 480 N/50 mm	(EN 10319)
longitudinal	≥ 360 N/50 mm					
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Elongation	<table border="1"> <tr> <td>longitudinal</td> <td>≤ 110 %</td> </tr> <tr> <td>transversal</td> <td>≤ 120 %</td> </tr> </table>	longitudinal	≤ 110 %	transversal	≤ 120 %	(EN 10319)
longitudinal	≤ 110 %					
transversal	≤ 120 %					
Reaction to Fire	Class E	(EN 13501-1)				

APPLICATION INFORMATION

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

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

SYSTEM INFORMATION

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.

LIMITATIONS

Installation work must only be carried out by Sika® trained 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.

ECOLOGY, HEALTH AND SAFETY

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 the 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).

APPLICATION INSTRUCTIONS

APPLICATION

S-Felt GK-400 is loose laid accordance with installation instructions for Sikaplan®.

Adjoining sheets must overlap at least 50 mm.

When pouring a cementitious topping over PE coated S-Felt GK-400, either tape seams tightly or use wider laps, to ensure cement slurry is prevented from penetrating the felt layer at the seams.

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.

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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Product Data Sheet

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