BUILDING TRUST

PRODUCT DATA SHEET

Sarnafil® TG 63-13

FPO protection sheet

PRODUCT DESCRIPTION

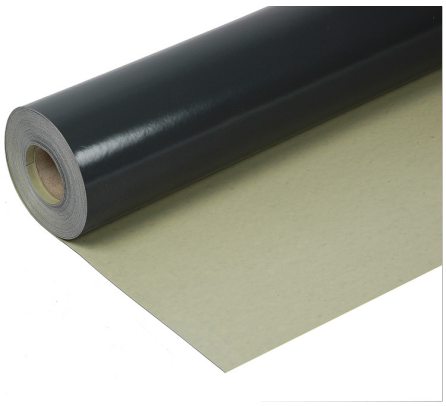
Sarnafil® TG 63-13 is a protection sheet based on flexible polyolefins (FPO) with a glass non-woven flame retardant inlay.

USES

- Protective layer on top of Sarnafil® AT roof waterproofing membranes for ballasted flat roof systems

CHARACTERISTICS / ADVANTAGES

- Hot air weldable
- Tested mechanical properties



PRODUCT INFORMATION

Chemical Base	Flexible Polyolefins (FPO)	
Packaging	Length	25,00 m
	Width	2,00 m
	Weight	65,00 kg
Appearance / Colour	Surface	Smooth
	Colour top surface	Greenish
	Colour bottom surface	Dark 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	25,00 m	
Width	2,00 m	

Thickness	1,3 mm (-5 % / +10 %)	(EN 1849-2)
Mass per unit area	1,3 kg/m² (-5 % / +10 %)	(EN 1849-2)

TECHNICAL INFORMATION

Resistance to Impact	hard substrate	≥ 600 mm	(EN 12691)
	soft substrate	≥ 800 mm	
Tensile Strength	≥ 6 N/mm²		(EN 12311-2)
Elongation	≥ 400 %		(EN 12311-2)
Dimensional Stability	longitudinal (md)[1)]	≤ |0,3| %	(EN 1107-2)
	transversal (cmd)[2)]	≤ |0,3| %	
Foldability at Low Temperature	≤ -10 °C		(EN 495-5)
Reaction to Fire	Class E		(EN 11925-2, classification to EN 13501-1)
Water Vapour Transimission	μ = 150 000		(EN 1931)

[1)] md = machine direction
[2)] cmd = cross machine direction

APPLICATION INFORMATION

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

SYSTEM INFORMATION

System Structure	The following products must be considered for use depending on roof design: ▪ All types of Sarnafil® T membranes ▪ Sarnacol® T 660
Compatibility	Not resistant to tar and oil.

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 and approved contractors, experienced in this type of application.

- Do not use for permanent exposure to UV radiation.
- Do not use as a primary waterproofing membrane.
- Ensure Sarnafil® TG 63-13 is prevented from direct contact with incompatible materials (refer to compatibility section).
- Sarnafil® TG 63-13 must be installed by loose laying and without stretching or installing under tension.
- The use of Sarnafil® TG 63-13 is limited to geographical locations with average monthly minimum temperatures of -50 °C. Permanent ambient temperature during use is limited to +50 °C.
- 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

Sarnafil® TG 63-13 is loose laid in accordance with installation instructions: Sarnafil® T membranes.
Overlap seam jointing method is chosen according to the expected stresses:

- Low stresses: Overlap the sheets by 50 mm and bond with Sarnacol® T 660.
- High stresses: Overlap the sheets by 80 mm and hot air welded with a hand welder, Sarnamatic automatic welder or any other similar automatic welder.

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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