

PRODUCT DATA SHEET

Sarnafil® TG-20 WW

Protection sheet

PRODUCT DESCRIPTION

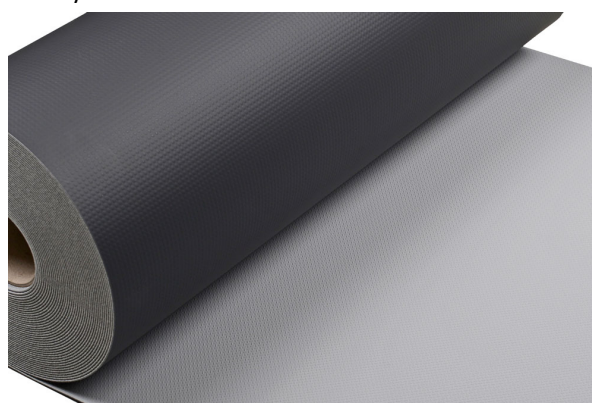
Sarnafil® TG-20 WW is a protection sheet based on flexible polyolefins (FPO) with inlay of glass non-woven containing ultraviolet light stabilizers and flame retardant.

USES

Sarnafil® TG-20 WW is used as a protection layer on top of Sarnafil® AT/T roof waterproofing membrane without ballast as a frequent walkway for roof maintenance.

CHARACTERISTICS / ADVANTAGES

- Applicable for exposed roofing
- Easy and safe application
- Hot air welding without use of open flames
- Recyclable



APPROVALS / STANDARDS

- Reaction to fire according to EN 13501-1
- Quality management system EN ISO 9001/14001

PRODUCT INFORMATION

Chemical Base	Flexible Polyolefins (FPO) based on polypropylene (PP)	
Packaging	Packing unit: see price list	
	Roll length:	20.00 m
	Roll width:	0.66 m
	Roll weight:	23.50 kg
Appearance / Colour	Surface:	texturized
	Colours:	
	Top surface:	grey (nearest to RAL 7040)
	Bottom surface:	dark grey
Shelf Life	5 years from date of production and according to defined storage condi-	

tions in unopened, undamaged, original packaging.

Storage Conditions	Rolls must be stored between +5 °C and +30 °C, protected from direct sunlight, rain and snow. Do not stack pallets of rolls or any other material during transport or storage.	
Length	20.00 m (-0 % / +5 %)	(EN 1848-2)
Width	0.66 m (-0.5 % / +1 %)	(EN 1848-2)
Overall Thickness	2.0 mm (-5 % / +10 %) (incl. embossing) 0.3 mm (-5 % / +10 %) depth of embossing	(EN 1849-2)
Mass per unit area	1.8 kg/m ² (-5 % / +10 %)	(EN 1849-2)

TECHNICAL INFORMATION

Resistance to Impact	hard substrate:	≥ 1250 mm	(EN 12691)
	soft substrate:	≥ 1250 mm	
Tensile Strength	≥ 5 N/mm²		(EN 12311-2)
Elongation	≥ 400 %		(EN 12311-2)
Dimensional Stability	longitudinal (md) ¹⁾	≤ 0.2 %	(EN 1107-2)
	transversal (cmd) ²⁾	≤ 0.2 %	
	¹⁾ md = machine direction ²⁾ cmd = cross machine direction		
Foldability at Low Temperature	≤ -30 °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)

APPLICATION INFORMATION

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

SYSTEM INFORMATION

System Structure	Ancillary products: <ul style="list-style-type: none">▪ Sarnafil T Clean▪ Sarnafil T Prep Compatible products: <ul style="list-style-type: none">▪ All types of Sarnafil® AT/T membranes based on PP
Compatibility	Not suitable as a primary waterproofing membrane.

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.

ECOLOGY, HEALTH AND SAFETY

Fresh air ventilation must be ensured, when working (welding) in closed rooms.

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regu-

lation (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 METHOD / TOOLS

Remove any loose debris and clean the FPO roof waterproofing membrane and allow to dry prior to application of the Sarnafil® TG-20 WW protection sheet. Roll out Sarnafil® TG-20 WW protection sheet and cut desired length and allow to relax for as long as possible (min 2-3 hours) before placing into the desired position. Leave a gap of approx. 2–3 cm between each section to allow for water drainage. The product is directly circular hot air welded onto Sarnafil® AT/T roof waterproofing membranes.

APPLICATION

Installation works must be carried out only by Sika instructed contractors for roofing.
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.

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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