

Sarnafil® TG 63-13

Protection sheet

Product Description

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

Uses

Sarnafil® TG 63-13 is used as a protection layer on top of Sarnafil® T/TC roof waterproofing membrane in ballasted flat roof systems.

Characteristics / Advantages

- Easy and safe application
- Excellent weldability
- Good mechanical strength
- Recyclable

Tests

Approvals / Standards

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

Product Data

Form

Appearance

Surface:	smooth
Colour top surface:	greenish
Colour bottom surface:	dark grey

Packaging:

Packing unit:	21 rolls per pallet
Roll length:	25.00 m
Roll width:	2.00 m
Roll weight:	65.00 kg

Storage

Storage Conditions

Sarnafil® TG 63-13 rolls must be stored in a horizontal position on pallet and protected from direct sunlight, rain and snow.

Shelf-Life

Sarnafil® TG 63-13 does not expire during correct storage.

Technical Data

Material Basis	Flexible Polyolefins (FPO)	
Length	25.00 m	
Width	2.00 m	
Thickness	1.3 mm (-5% / +10%)	EN 1849-2
Mass per unit area	1.3 kg/m ² (-5% / +10%)	EN 1849-2
Reaction to fire	Class E	EN 11925-2, classification to EN 13501-1
Tensile stress:	≥ 6 N/mm ²	EN 12311-2
Elongation:	≥ 400 %	EN 12311-2
Water vapour transmission property μ:	150'000	EN 1931
Resistance to impact:	≥ 600 mm	EN 12691
Resistance to root penetration	Pass	EN 13948
Foldability at low temperature:	≤ -10 °C	CEN 495-5

System Information

System Structure Ancillary products: - Sarnacol® T 660
Compatible products: - All types of Sarnafil® T/TC membranes

Application Conditions / Limits

Resistance Not applicable for permanent exposure to UV irradiation.
Not suitable as a primary waterproofing membrane.
Not resistant to tar and oil.

Installation Instructions

Application Method Sarnafil® TG 63-13 protection sheets are loosely laid with the jointing method chosen according to the expected stresses:

Low stresses: Overlap the sheets by 50 mm and adhere with Sarnacol® T 660.

High stresses: Overlap the sheets by 80 mm and hot air weld with a hand welder or the Sarnamatic automatic welder or any other automatic welder.

Notes on Installation / Limits

Installation works must be carried out only by Registered Sarnafil T/TC Trained Contractors.

Temperature limits for the installation of the Sarnafil® TG 63-13:

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.

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.
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.
Ecology, Health and Safety Information	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.
Protective Measures	Fresh air ventilation must be ensured, when working (welding) in closed rooms. Regulatory safety requirements must be observed.
Transportation Class	The product is not classified as hazardous good for transport.
Disposal	The material is recyclable. Any disposal must be according to regulatory requirements.

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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Sarnafil®