

PRODUCT DATA SHEET

Sarnacol[®]-2142 S

Adhesive for Sikaplan[®] and Sarnafil[®] felt backed roof waterproofing membranes

DESCRIPTION

Sarnacol[®]-2142 S is a 1-part, polyurethane based moisture curing adhesive

USES

Bonding Sarnafil[®] Sikaplan[®] type membranes to roof substrates.

Bonding substrates

- PIR insulation boards: glass, mineral fibre fleece or aluminium facing
- EPS insulation boards
- Concrete, lightweight concrete, plaster
- Oriented fibre strand boards, plywood panels
- Bitumen membranes (slated/sanded)
- Sandwich panels
- Metal sheet

FEATURES

- Proven performance over decades.
- Adheres to solid, rough, clean, dry or slightly moist surfaces
- Application by roller
- Good adhesion to different substrates

CERTIFICATES AND TEST REPORTS

- Factory Mutual (FM) Certificate

PRODUCT INFORMATION

Composition	Polyurethane moisture curing	
Packaging	One way container	15 kg
	Packing unit	Euro pallet or single container
Shelf life	12 months from date of production.	
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.	
Density	~1,00 kg/l (+20 °C)	
Volatile organic compound (VOC) content	VOC-CH	18,8 %
	VOC-EU	18,8 %
Consistency	Liquid	

APPLICATION INFORMATION

Consumption	Substrate	Consumption (g/m ²)
	Timber, Metal, Sandwich Panel	250 - 350
	EPS: slab stock foaming cut	250
	PIR (glass tissue facing, aluminium facing)	250 - 350
	Mineral-fibre board (glass tissue facing)	300 - 350
	Bituminous sheet (sanded / slated)	300 - 400

Consumption depends on the roughness and absorbency of the substrate. Recommended consumption of Sarnacol®-2142 S on different substrates (+20 °C / 50 % r.h.)
These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.

Ambient air temperature	+5 °C min
Substrate temperature	+5 °C min

SYSTEM INFORMATION

Compatibility	Incompatible substrates: <ul style="list-style-type: none">▪ Single ply waterproofing membranes without a felt backing▪ Talcum coated bituminous sheets▪ EPS in case of consumption >300 g/m²
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BASIS OF PRODUCT DATA

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.

FURTHER DOCUMENTATION

- Installation instructions: Sarnafil® TG 76 or Sikaplan® SGK system fully bonded for exposed roofs.

IMPORTANT CONSIDERATIONS

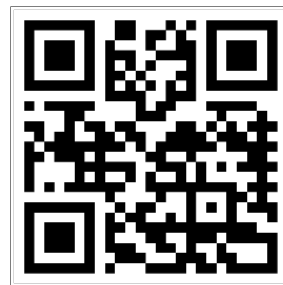
- The use of some ancillary products such as adhesives, cleaners and solvents is limited to temperatures above +5 °C. Observe temperature limitations in the appropriate Product Data Sheets.
- Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

Regulation (EC) No 1907/2006 (REACH) - Mandatory training

As from 24 August 2023 adequate training is required before industrial or professional use of this product. For more information and a link to the training visit www.sika.com/pu-training.



APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The substrate must offer sufficient strength and adhesion to resist the forces generated by wind suction.

SUBSTRATE PREPARATION

The substrate must be firm, clean, dry or slightly moist, free from oil, grease, dust, stripping agents, standing water, bitumen residue and loose friable particles.

APPLICATION

Strictly follow installation procedures as defined in method statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

General information

Sarnacol®-2142 S must be stirred carefully before use. Keep adhesive container closed whenever adhesive is not being used to prevent surface skinning.

To improve the workability of the adhesive at low temperatures, the closed container can be placed in warm water (max. +40 °C).

Adhesive residue on Sikaplan® SGK must be cleaned with SikaRoof® Cleaner L-100. Adhesive residue on Sarnafil® T Felt, must be cleaned with Sarnafil® T Clean.

General bonding procedure - Wet bonding

The adhesive is spread evenly onto the substrate by using a synthetic application roller directly from the container and ensuring there are no lumps in the applied layers.

Bonding Membranes

Apply adhesive onto the substrate. Do not apply the adhesive to an area greater than can be covered within 15 minutes. Do not pour out the adhesive and roll in a second stage. Once the adhesive surface has become 'tacky', apply the membrane onto the adhesive. Press down firmly on the membrane using a suitable pressure roller such as a water-filled, or heavy steel roller 40 – 50 kg.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with Sarnafil® T Clean immediately after use. Hardened material can only be mechanically removed.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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PRODUCT DATA SHEET

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