

## PRODUCT DATA SHEET

# Sarnacol<sup>®</sup>-2142 S

Adhesive for Sarnafil<sup>®</sup> TG 76 Felt PS roof waterproofing membranes

### DESCRIPTION

Sarnacol<sup>®</sup>-2142 S is a 1-part, polyurethane based moisture curing adhesive.

### USES

Bonding Sarnafil<sup>®</sup> TG 76 Felt PS membranes to roof substrates.

### CHARACTERISTICS / ADVANTAGES

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

#### Bonding substrates

- Oriented fibre strand boards (OSB)
- Slated/mineralized bitumen sheets; new and aged
- Mineral fibre boards: product specific approval with appropriate surface for bonding
- PUR/PIR insulation boards with lamination (mineral fibre fleece or aluminium facing)
- EPS insulation boards

### PRODUCT INFORMATION

<b>Composition</b>	Polyurethane moisture curing	
<b>Packaging</b>	One way container	15 kg
	Packing unit	Euro pallet or single container
<b>Shelf life</b>	9 months from date of production.	
<b>Storage conditions</b>	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.	
<b>Colour</b>	Blue	
<b>Density</b>	~1,00 kg/l (+20 °C)	
<b>Consistency</b>	Liquid	
<b>Volatile organic compound (VOC) content</b>	VOC-CH	18,8 %
	VOC-EU	18,8 %

## SYSTEM INFORMATION

### Compatibility

#### Incompatible substrates:

- Single ply waterproofing membranes without a felt backing
- Talcum coated bituminous sheets
- Metal sheets

## APPLICATION INFORMATION

### Consumption

Consumption depends on the roughness and absorbency of the substrate.

Substrate	Consumption
PUR insulation boards with mineral fibre fleece facing	ca. 500 g/m <sup>2</sup>
PUR insulation boards with aluminium facing	ca. 450 g/m <sup>2</sup>
EPS insulation boards	ca. 450 g/m <sup>2</sup>
Mineral-fibre board: Bondrock MV	ca. 500 g/m <sup>2</sup>
Mineral-fibre board: Megarock	ca. 300 g/m <sup>2</sup>
OSB	ca. 250 g/m <sup>2</sup>

### Ambient air temperature

+5 °C min

### Substrate temperature

+5 °C min

## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## 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 Sarnafil® TG 76 Felt PS, must be cleaned with Sarnafil® T Clean or Solvent T 660.

### 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 to 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 or Solvent T 660 immediately after use. Hardened material can only be mechanically removed.

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## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## 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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