

## PRODUCT DATA SHEET

# Sarnacol<sup>®</sup>-2142 V

VOC FREE ASHESIVE FOR SARNAFIL<sup>®</sup> FELT BACKED ROOF WATERPROOFING MEMBRANES

### PRODUCT DESCRIPTION

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

### USES

Bonding Sarnafil<sup>®</sup> G Felt-type and Sarnafil<sup>®</sup> T Felt-type membranes to roof substrates.

#### Bonding substrates:

- Concrete
- Oriented fibre strand boards, plywood panels
- Slated/mineralized bitumen sheets; new and aged
- Mineral fibre boards: product specific approval with sufficient compressive strength and appropriate surface for bonding
- PIR insulation boards: product specific approval with appropriate surface for bonding
- EPS insulation boards: product specific approval with appropriate surface for bonding
- Steel panels: product specific approval with appropriate surface for bonding

### CHARACTERISTICS / ADVANTAGES

- VOC free
- Adheres to solid, clean, dry and slightly moist surfaces
- Application by roller
- Good adhesion to approved substrates

### PRODUCT INFORMATION

<b>Chemical Base</b>	Polyurethane moisture curing	
<b>Packaging</b>	One way container:	10 kg
	Packing unit:	Euro pallet or single container
	Refer to current price list for packaging variations	
<b>Appearance / Colour</b>	Blue	
<b>Shelf Life</b>	12 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 + 25 °C. Always refer to packaging.	
<b>Density</b>	~1,12 kg/l (+20 °C)	

Volatile organic compound (VOC) content	VOC-CH	0,0 %
	VOC-EU	0,0 %

Consistency	Liquid
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## SYSTEM INFORMATION

Compatibility	<b>Incompatible substrates:</b> <ul style="list-style-type: none"> <li>▪ Single ply waterproofing membranes (thermoplastics/elastomers)</li> <li>▪ Sheet metal</li> <li>▪ Talcum coated bituminous sheets</li> </ul>
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## APPLICATION INFORMATION

Consumption	<p>Consumption depends on the roughness and absorbency of the substrate. Recommended consumption of Sarnacol®-2142 V on different substrates (+20 °C / 50 % r.h. )</p> <table border="1"> <thead> <tr> <th>Substrate</th> <th>g/m<sup>2</sup></th> </tr> </thead> <tbody> <tr> <td>Mineral-fibre board:</td> <td>350–800</td> </tr> <tr> <td>Rockwool/SarnaTherm Multifix</td> <td></td> </tr> <tr> <td>Bituminous sheet: New/Aged:</td> <td>250–400</td> </tr> <tr> <td>Slated/mineral surface</td> <td></td> </tr> <tr> <td>PIR: Sikatherm GT with glass tissue facing</td> <td>250–400</td> </tr> <tr> <td>Timber: OSB/Plywood</td> <td>250–400</td> </tr> <tr> <td>EPS: Prefabricated roof insulation sheets</td> <td>250–400</td> </tr> <tr> <td>Sandwich panel</td> <td>250–400</td> </tr> <tr> <td>Concrete</td> <td>250–400</td> </tr> </tbody> </table> <p>These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.</p>	Substrate	g/m <sup>2</sup>	Mineral-fibre board:	350–800	Rockwool/SarnaTherm Multifix		Bituminous sheet: New/Aged:	250–400	Slated/mineral surface		PIR: Sikatherm GT with glass tissue facing	250–400	Timber: OSB/Plywood	250–400	EPS: Prefabricated roof insulation sheets	250–400	Sandwich panel	250–400	Concrete	250–400
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Ambient Air Temperature	+5 °C min																				
Substrate Temperature	+5 °C min																				
Setting time	~0,5–2 hours. Setting is prolonged in low temperatures and accelerated in high temperatures. Final strength is achieved after ~1 week. These times can be affected by ambient conditions.																				

## VALUE BASE

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

## FURTHER DOCUMENTS

- Sarnafil project specification and product data sheets Sarnafil® G 410-EL Felt or Sarnafil® TG 76 Felt.

## LIMITATIONS

- 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.

## 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

Please refer to the Sarnafil project specification for installation instructions.

### General information

Sarnacol®-2142 V must be stirred carefully before use. Keep adhesive container closed whenever adhesive is not being used to prevent a surface skin forming. 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® G Felt must be cleaned with Sarna Cleaner. 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.

### CLEANING OF TOOLS

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

## 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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#### Product Data Sheet

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