

## PRODUCT DATA SHEET

# Sarnacol®-2121

Water based adhesive for Sarnafil® G and Sarnafil® G Felt roof waterproofing membranes

### DESCRIPTION

Sarnacol®-2121 is a 1-part, water based synthetic resin adhesive

### USES

Bonding Sarnafil® G-type and felt backed Sarnafil® G Felt-type membranes on horizontal surfaces with slopes  $\leq 10^\circ$ .

#### Bonding substrates:

- Concrete, brickwork, plaster
- Light weight concrete (only with Sarnafil® G Felt membranes)
- Oriented strand boards (OSB), plywood panels
- Fibre cement boards
- PUR/PIR insulation boards with lamination (glass or mineral fibre fleece)

### CHARACTERISTICS / ADVANTAGES

- Adheres to absorbent, solid, rough, clean surfaces
- Good adhesion to different substrates
- Application by roller or squeegee

## PRODUCT INFORMATION

<b>Chemical Base</b>	Water based synthetic resin	
<b>Packaging</b>	One way container	20 kg
	Packing unit	Euro pallet or single container
	Refer to current price list for packaging variations	
<b>Appearance / Colour</b>	White	
<b>Shelf Life</b>	18 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>Density</b>	~1,04 kg/l (+20 °C)	
<b>Consistency</b>	Liquid	

## APPLICATION INFORMATION

<b>Consumption</b>	Dense substrates	~500–800 g/m <sup>2</sup>
	Absorbent substrates	~1000 g/m <sup>2</sup>
	Consumption depends on the roughness and absorbency of the substrate. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.	
<b>Ambient Air Temperature</b>	+5 °C min	
<b>Substrate Temperature</b>	+5 °C min	
<b>Setting Time</b>	~8 hours. Final strength is achieved after ~1–4 weeks. These times can be affected by ambient conditions and substrate absorbency.	

## 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.

## LIMITATIONS

- Do not use on EPS/XPS insulation boards, mineral fibre boards, metals, bituminous substrates, waterproofing membranes (thermoplastics/elastomers) excluding soft PVC.
- 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

Reference must be made to further documentation where applicable, such as relevant method statement, application manual and installation or working instructions.

### General information

Sarnacol®-2121 must be stirred carefully before use. Keep adhesive container closed whenever adhesive is not being used to prevent surface skinning. Adhesive residue on the membrane must be removed by water or Sarna Cleaner.

### General bonding procedure - Wet bonding

The adhesive is spread evenly onto the substrate by using a synthetic application roller or rubber squeegee ensuring there are no lumps in the applied layers. Roll the roofing membrane into position onto the wet substrate adhesive. Press down firmly on the membrane using a suitable pressure roller such as a water-filled, or heavy steel roller 40–50 kg. Secure the membrane against wind uplift until the adhesive has set.

## CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened material can be removed with Sarna Cleaner.

## 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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