

# PRODUCT DATA SHEET

## Sarnacol<sup>®</sup>-2116

### WATER BASED ADHESIVE FOR BONDING GRAVEL ONTO SARNAFIL<sup>®</sup> MEMBRANES

#### PRODUCT DESCRIPTION

Sarnacol<sup>®</sup>-2116 is a water based 1-part synthetic resin based adhesive.

#### USES

- Adhesive for bonding or binding gravel to horizontally applied Sarnafil<sup>®</sup> G/S membranes
- Binder for binding gravel on horizontally applied Sarnafil<sup>®</sup> T membranes (Not for bonding)

#### CHARACTERISTICS / ADVANTAGES

- Bonding and binding gravel on horizontal Sarnafil<sup>®</sup> G/S membranes.
- Binding of gravel on horizontal Sarnafil<sup>®</sup> T membranes.
- Application: sprayed or poured.

#### 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
<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>	~1,00 kg/l (+20 °C)	
<b>Volatile organic compound (VOC) content</b>	~3,8 %	(VOC)
<b>Consistency</b>	Liquid	

#### APPLICATION INFORMATION

<b>Consumption</b>	~500–800 g/m <sup>2</sup> for a gravel layer of 50–60 mm. Each additional gravel layer of 10 mm requires ~100 g/m <sup>2</sup> . These figures are theoretical and do not allow for any additional material due to surface profile, variations in level or wastage etc.
<b>Ambient Air Temperature</b>	+5 °C min

**Substrate Temperature**

+5 °C min

**Setting Time**

The strength required for the intended use is achieved after approximately 24 hours, depending on the weather conditions. Final strength is achieved after approximately 1 to 4 weeks and depends on temperature and humidity.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

Membrane surface must be clean, dry, free of cleaning agents, oil and grease.

Gravel must be dry or only slightly moist.

### 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®-2116 must be stirred before use.

Dilute with water in a ratio of 1 part water to 10 parts adhesive to adjust fluidity.

Keep adhesive container closed whenever adhesive is not being used to prevent surface skinning.

#### Bonding and binding

Application must only be carried out in dry weather conditions.

The adhesive is evenly sprayed or poured out of a watering can onto the gravel. Sarnacol®-2116 dries to a transparent and slightly elastic film.

#### Cleaning

Use water or Sarna Cleaner to remove adhesive residue from the roof membrane.

### CLEANING OF TOOLS

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

## FURTHER DOCUMENTS

- Installation instructions: Relevant roof waterproofing membrane

## LIMITATIONS

Installation work must only be carried out by Sika® trained and approved contractors, experienced in this type of application.

- Sarnacol® 2116 does not bond to Sarnafil® T membranes and can only be used to bind gravel on horizontal Sarnafil® T membranes.
- 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.

## 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.

## 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.

## ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling.

Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

## 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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