

Sarnacol® 2116

Water based adhesive for bonding gravel

Product Description

Water based single-component adhesive on a synthetic resin basis

Uses

Sarnacol® 2116 is a water based adhesive for bonding or binding gravel to horizontal Sarnafil® G/S membranes.
Sarnacol® 2116 does not bond to Sarnafil® T membranes and can only be used to bind gravel on horizontal Sarnafil® T membranes.

Characteristics / Advantages

- For bonding or binding gravel on horizontal surfaces
- Bonds to Sarnafil® G/S membranes
- Binding of gravel on horizontal Sarnafil® T membranes
- Application: sprayed or poured

Tests

Approvals / Standards

- Quality management system EN ISO 9001

Product Data

Form

Consistency Liquid

Colour White

Packaging One way container: 20kg
Packing unit: Europallet or single container

Storage

Storage Conditions Store in dry conditions at temperatures between +5°C to +30°C

Shelf-Life

18 months from date of production if stored properly in original, unopened and undamaged sealed container. Expiry date on container.



Technical Data

Chemical Basis Water based single-component dispersion adhesive on a synthetic resin basis.

Density ~ 1.00kg/l (+20°C)

System Information

Application Details

Consumption Consumption is approximately 500 – 800 g/m² for a gravel layer of 50 mm – 60 mm. Each additional gravel layer of 10 mm requires approximately 100 g/m².

Substrate Preparation The membrane surface must be clean, dry, free of stripping agents and free of oil and grease.

Gravel Properties The gravel must be dry or only slightly moist.

Installation Instructions

Application Guideline Based on the valid installation instructions of the relevant roof waterproofing membrane.

Application Method

General information:
Sarnacol® 2116 must be stirred carefully before use.
The adhesive can be applied with a spray tool or out of a watering can.
Sarnacol® 2116 can be diluted with water in a ratio of 1 part water to 10 parts adhesive to adjust fluidity.
Close the container if work is stopped for a long period.
Use water or Sarna Cleaner to remove adhesive residues on the roof membrane.

Wet bonding:
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.

Tool Cleaning Tools and equipment must be cleaned with water immediately after use. Dried adhesive residue can be removed with Sarna Cleaner.

Notes on Installation / Limits Installation works to be carried out only by Sika instructed contractors for roofing.

Temperature limits for the installation of the adhesive:

Substrate temperature: At least +5°C
Ambient temperature: At least +5°C

Installation only to be carried out in dry weather conditions.

Installation of some ancillary products, e.g. contact adhesives / cleaners is limited to temperatures above +5°C. Please observe information given by Product Data Sheets.

Special measures may be compulsory for installation below +5°C ambient temperature due to safety requirements in accordance with national regulations.

Setting

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

Value Base

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.

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.

Health and Safety Information

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. REACH relevant information is available in the most recent SDS.

Legal note: 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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