



PRODUCT DATA SHEET

Sarnacol®-2170 R

SOLVENT-BASED REACTIVATING ADHESIVE

PRODUCT DESCRIPTION

Sarnacol®-2170 R is a solvent-based reactivating adhesive used with a Sika® Sarnafil® Adhered system and/or flashing detail. It is also used to adhere flashings in Sarnafil® waterproofing systems. It is formulated for adhering Sarnafil® PVC membranes to properly prepared substrates such as wood, sheet steel, masonry, concrete and approved coverboards.

WHERE TO USE

Sarnacol®-2170 R is uniquely formulated to be compatible with Sarnafil® and Sikaplan® membranes.

CHARACTERISTICS / ADVANTAGES

Bareback Membrane Substrate

- Isocyanurate Organic Facer
- Isocyanurate Glass Facer
- Smooth Plywood
- Metal
- Concrete Wall
- DensDeck®
- DensDeck Prime®
- Securock® Gypsum-Fiber

Feltback Membrane Substrates

- Isocyanurate Organic Face
- Isocyanurate Glass Facer
- Smooth Plywood
- Metal
- Concrete Deck
- Concrete Wall
- Masonry Wall
- Cellular Concrete
- DensDeck®
- DensDeck Prime®
- Securock® Gypsum-Fiber

APPROVALS / CERTIFICATES

- FM Global
- Underwriters Laboratories
- Underwriters Laboratories Canada
- Miami-Dade
- Florida Building Code
- ICC Code Compliant – ESR 1157
- CSA-A123.21

PRODUCT INFORMATION

Composition / Manufacturing	Liquid (Refer to Safety Data Sheet for additional information.)
Packaging	18.9 L (5 US gal.) steel pails weighing 16.8 kg (37 lb) - 48 pails/pallet.
Shelf Life	12 months
Storage Conditions	Stored in a tightly closed pail at temperatures ranging between -20 and 30 °C (-4 and 86 °F).

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

OTHER DOCUMENTS

AVAILABILITY

Sarnacol®-2170 R is available directly from Sika Canada Authorized Applicators when used within a Sika® Sarnafil® Roofing or Waterproofing System. Contact Sika Canada or visit our website at www.sika.ca for further information.

WARRANTY

Upon successful completion of the installed roof by the Sika Canada Authorized Applicator, Sika Canada can provide a Warranty to the Building Owner via the Authorized Applicator.

LIMITATIONS

- Precautions should be taken to prevent odors and/or vapors from entering the building / structure, including but not limited to turning off and sealing air intake vents or other means of ingress for odors and/or vapors into the building / structure during product application and cure.
- Do not apply in wet weather or to a wet surface.
- Do not install when air temperature is within 3°C (5°F) of dew point.
- Open time varies depending on weather and temperature conditions.
- Eliminate uneven surfaces to ensure positive contact between the membrane and the substrate.
- Unused adhesive can be saved for use at a later date by resealing the pail cover.

ENVIRONMENT, HEALTH & 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 PREPARATION

All work surfaces should be clean, dry, free of dirt, dust, debris, oils and other contaminants.

MIXING

Mix well before use.

APPLICATION

General Application:

Apply Sarnacol®-2170 R using solvent-resistant 19 mm (¾ in) nap paint rollers in a smooth, even coating with no gaps, globs, puddles or similar inconsistencies. Clean any wet adhesive from the seams before welding.

Bareback Membrane Application:

Apply Sarnacol®-2170 R to the substrate at a rate of 2 - 2.5 m²/L (80 - 100 ft²/US gal.) and allow to dry. After the substrate adhesive has dried completely, apply Sarnacol®-2170 R to the back side of the membrane at a rate of 4.9 m²/L (200 ft²/US gal.) and allow to become tacky (producing strings) when touched with a dry finger. Do not allow the adhesive on the back of the membrane to dry. Roll the tacky coated membrane onto the previously coated dry substrate being careful to avoid wrinkles. Press the bonded sheet firmly in place with a minimum 45 kg (100 lb) steel roller by rolling in two directions. Use a hand roller on vertical flashings.

Feltback Membrane Application:

Apply Sarnacol®-2170 R to the substrate at a rate of 2 - 2.5 m²/L (80 - 100 ft²/US gal.) and allow to dry. Apply a second coat of adhesive at a rate of 2.5 m²/L (100 ft²/US gal.) to the previously coated dried substrate. Do not allow the second coat of adhesive to dry. Unroll the membrane immediately into the second layer of wet adhesive. Press the bonded sheet firmly in place with a minimum 45 kg (100 lb) steel roller by rolling in two directions. Use a hand roller on vertical flashings.

Coverage:

The typical coverage rate for the following applications are:

Bareback membrane: 5.3 - 6.2 m²/L (57 - 67 ft²/US gal)

Feltback membrane: 4.1 - 4.6 m²/L (44 - 50 ft²/US gal)

Note: Coverage rate may vary depending on substrate porosity, ambient temperature, and other jobsite factors (such as wastage, applicator's experience, etc.).

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 exact product data and uses.

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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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

Product Data Sheet

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