

## PRODUCT DATA SHEET

# Sarnacol<sup>®</sup>-2170 (US)

Solvent-based reactivating adhesive

## DESCRIPTION

Sarnacol<sup>®</sup>-2170 (US) is a solvent-based reactivating adhesive used for Sarnafil<sup>®</sup> or Sikaplan<sup>®</sup> Adhered roofing systems. It is also used within any Sika approved roofing or waterproofing system for adhering flashings. Sarnacol 2170 is formulated for adhering membranes in a two-step process to clean, dry, surfaces with no slope restrictions.

## USES

Uniquely formulated to be compatible with Sarnafil<sup>®</sup> and Sikaplan<sup>®</sup> membranes.

## AREAS OF APPLICATION

### Bareback Membrane Substrates

- Isocyanurate Organic Facer
- Isocyanurate Glass Facer
- Smooth Plywood
- Metal
- Concrete Wall
- Glass Faced Gypsum
- Prime Glass Faced Gypsum
- Securock<sup>®</sup> Gypsum-Fiber

### Feltback Membrane Substrates

- Isocyanurate Organic Face
- Isocyanurate Glass Facer
- Smooth Plywood
- Metal
- Concrete Deck
- Concrete Wall
- Masonry Wall
- Cellular Concrete
- Glass Faced Gypsum
- Prime Glass Faced Gypsum
- Securock<sup>®</sup> Gypsum-Fiber

## CHARACTERISTICS / ADVANTAGES

Low temperature applications

## APPROVALS / STANDARDS

- FM Global
- Underwriters Laboratories
- Miami-Dade
- Florida Building Code
- ICC Code Compliant – ESR 1157

## PRODUCT INFORMATION

<b>Packaging</b>	5 gal (18.9 L) pails, 37 lb (16.8 kg) per pail, 48 pails per pallet
<b>Shelf Life</b>	12 months if stored properly in original unopened, sealed and undamaged packaging
<b>Storage Conditions</b>	Store in tightly closed containers in temperatures between -4°F (-20°C) and 86°F (30°C)
<b>Volatile organic compound (VOC) content</b>	694.2 g/L
<b>Consumption</b>	The coverage rate may vary depending on substrate porosity, ambient temperature, and experience. The typical coverage rate for the following applications are: <ul style="list-style-type: none"><li>▪ Bareback membrane: 57 - 67 ft<sup>2</sup>/gal. (1.3 - 1.6 m<sup>2</sup>/L)</li><li>▪ Feltback membrane: 44 - 50 ft<sup>2</sup>/gal. (1.1 - 1.2 m<sup>2</sup>/L)</li></ul>

## 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.

## FURTHER DOCUMENTS

### AVAILABILITY

From Sika Corporation – Roofing Authorized Applicators for use within Sarnafil or Sikaplan systems.

### WARRANTY

Upon successful completion of the installed roof by the Sika Authorized Applicator in compliance with Sika requirements, Sika Corporation will provide a warranty to the Building Owner via the Sika 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 5°F (3°C) 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.

## ECOLOGY

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 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 using solvent-resistant ¾" (19 mm) 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 to the substrate at a rate of 80 - 100 ft<sup>2</sup>/gal (2 - 2.5 m<sup>2</sup>/L) and allow to dry. After the substrate adhesive has dried completely, apply Sarnacol 2170 to the back side of the membrane at a rate of 200 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/L) 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 75 lb (34 kg) steel roller by rolling in two directions. Use a hand roller on vertical flashings.

Feltback Membrane Application:

Apply Sarnacol 2170 to the substrate at a rate of 80 - 100 ft<sup>2</sup>/gal (2 - 2.5 m<sup>2</sup>/L) and allow to dry. Apply a second coat of adhesive at a rate of 100 ft<sup>2</sup>/gal (2.5 m<sup>2</sup>/L) 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 75 lb (34 kg) steel roller by rolling in two directions. Use a hand roller on vertical flashings.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## 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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