

# PRODUCT DATA SHEET

## Sarnacol®-2170 (US)

SARNACOL 2170 MEMBRANE ADHESIVE IS A SOLVENT-BASED REACTIVATING ADHESIVE

### PRODUCT DESCRIPTION

Sarnacol®-2170 (US) is a solvent-based reactivating adhesive used for Sarnafil® or Sikaplan® 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

Sarnacol 2170 is uniquely formulated to be compatible with Sarnafil® and Sikaplan® 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® 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® 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>Appearance / Color</b>                      | Dark Yellow   |
| <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   |

## 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 100 lb (45 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 100 lb (45 kg) steel roller by rolling in two directions. Use a hand roller on vertical flashings.

### COVERAGE

The coverage rate may vary depending on substrate porosity, ambient temperature, and experience. The

typical coverage rate for the following applications are:

- Bareback membrane: 57 - 67 ft<sup>2</sup>/gal. (5.3 - 6.2 m<sup>2</sup>/L)
- Feltback membrane: 44 - 50 ft<sup>2</sup>/gal. (4.1 - 4.6 m<sup>2</sup>/L)

## MAINTENANCE

Standard maintenance of roofs, green roofs and plaza decks should include regular inspection of flashings, drains and termination sealants at least twice a year and after each storm.

## AVAILABILITY/WARRANTY

### 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, 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.

## BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

## OTHER RESTRICTIONS

See Legal Disclaimer.

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

## LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

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Product Data Sheet  
Sarnacol®-2170 (US)  
September 2019, Version 03.01  
020945072000000037

Sarnacol-2170US-en-US-(09-2019)-3-1.pdf

