

PRODUCT DATA SHEET

Edition 08.2018/v1

Sarnacol®-2170 VC

Description Sarnacol®-2170 VC 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 VC is formulated for adhering membranes in a two-step process to clean, dry, surfaces with no slope restrictions.

Uses: Sarnacol®-2170 VC 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
- 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

Composition

- **Form / appearance:** Liquid (Refer to Safety Data Sheet for information).
- **Colour:** Milky yellow
- **VOC Content:** Sarnacol®-2170 VC has been formulated with EPA exempt solvents and has a VOC content of 0 g/L (348 g/L without EPA exemptions).

Packaging / Storage

- 18.9 L (5 US gal.) steel pails weighing 16.8 kg (37 lb), 48 pails per pallet
- **Shelf life:** 12 months when stored in a tightly closed container of temperatures between -20 and 30 °C (-4 and 86 °F).

Codes / Approvals ICC Code Compliance - ESR 1157

Installation

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

MIXING
Mix well before use.

APPLICATION METHOD / TOOLS

General Application:
Apply Sarnacol®-2170 VC 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 VC 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 the adhesive 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 100 lb (45 kg) steel roller by rolling in two directions. Use a hand roller on vertical flashings.

Feltback Membrane Application:

Apply Sarnacol®-2170 VC 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 roll 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:** 5.3 - 6.2 m²/L (57 - 67 ft²/US gal.)
- **Feltback membrane:** 4.1 - 4.6 m²/L (44 - 50 ft²/US gal.)

For more information about coverage rates on specific substrates, contact Sika Canada.

Availability	Sarnacol®-2170 VC 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.
Maintenance	Sarnacol®-2170 VC requires no maintenance. As a prudent preventative measure, Sika Canada recommends that the Owner or that the Owner's designated representative inspect the installed roof system for damage, plugged drains, weathered sealants, etc. at least twice a year and after each storm.
Technical Support	Sika Canada provides technical support. Technical staff is available to advise applicators as to the proper installation method.
Limitations	<ul style="list-style-type: none"> ▪ 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.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY

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, within their shelflife. 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

SIKA CANADA INC.

Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9

Other locations

Toronto
Edmonton
Vancouver

1-800-933-SIKA
www.sika.ca

Certified ISO 9001 (CERT-0102780)
Certified ISO 14001 (CERT-0102791)

