

PRODUCT DATA SHEET

Vapor Retarder Adhesive CA

Cold applied polyether based adhesive

PRODUCT DESCRIPTION

Vapor Retarder Adhesive CA is a cold applied polyether based adhesive used to adhere Sika's vapor retarders that are typically adhered with hot asphalt within Sarnafil and Sikaplan roofing systems. It is used in applications where hot asphalt is not advised and/or not permitted.

USES

Used to adhere Sika's vapor retarders within Sarnafil and Sikaplan roofing systems.

AREAS OF APPLICATION

- Concrete
- Approved gypsum boards

CHARACTERISTICS / ADVANTAGES

- Cold applied adhesive alternative to hot asphalt
- Low odor
- Low VOC

PRODUCT INFORMATION

Chemical Base	Polyether adhesive
Packaging	5 gallon (18.9 L) pails, 57 lbs (25.9 kg) per pail, 36 pails per pallet
Shelf Life	6 months in the original sealed container.
Storage Conditions	Store in a tightly-closed container at temperatures between 41°F and 104°F (5°C and 40°C) in a ventilated place, away from heat and direct sunlight.
Density	11.2 lb/gal (1.3 kg/L)
Viscosity	35,000 cP at 77°F (25°C)
Volatile organic compound (VOC) content	32 g/L

APPLICATION INFORMATION

Coverage	The coverage rate is approximately 50 ft ² /gal (0.8 L/m ²) and may vary depending on the application technique and porosity of the surface.
Cure Time	Curing time at 77°F (25°C) and 50% RH*: 7 days depending on quantity applied. *Curing time will be longer at lower temperatures.

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.

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 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.

- The minimum ambient and surface temperatures should be 41°F (5°C) and rising.
- When the ambient temperature is below 50°F (10°C), warm the material to a temperature of 70°F (24°C) at the time of application.

For use on low slope surfaces (3/8" per ft, 1.8°).

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean, sound, dry, and free of loose materials or contaminants such as water, frost, ice, oil and grease that would interfere with proper adhesion and compromise the performance of the product. In accordance with the ICRI Technical Guideline No. 310.2R-2013, newly poured concrete surfaces must be finished by forming, wood float, steel or power trowel, or broom finished to meet the equivalency of a CSP type surface between a rating of 2 – 5.

APPLICATION

Apply Vapor Retarder Adhesive CA with a 3/16" (4.8 mm) notched squeegee. Apply Vapor Retarder Adhesive CA ahead of the sheet application. Do not allow Vapor Retarder Adhesive CA to skin-over before the sheet is applied into adhesive. The sheet will not adhere where Vapor Retarder Adhesive CA has skinned over. Use a follow tool, weighted roller or broom the leading edge

of the sheet to the substrate, working forward and outward as necessary to remove wrinkles. Avoid walking over the sheet and prevent adhesive displacement or damage during application.

Apply sufficient adhesive coverage to ensure 1/8" to 1/4" (3.2 mm to 6.4 mm) of adhesive bleed out at all laps. At end-laps, cut 45-degree dog-ear away from the selvage edge for all T-joints. For low-slope areas where the slope falls below 1/4" per ft (1.2°), and where otherwise specified, leave all side and end-laps "dry" and hot-air weld or torch all laps watertight.

OTHER RESTRICTIONS

See Legal Disclaimer.

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 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.**

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