



PRODUCT DATA SHEET

Vapor Retarder Adhesive CA

VAPOR RETARDER ADHESIVE CA IS A 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

Cold applied adhesive 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
Appearance / Color	Brown-black
Shelf Life	Vapor Retarder Adhesive CA has a shelf life of 6 months in the original sealed container.
Storage Conditions	Store Vapor Retarder Adhesive CA 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)
Solid Content	99% (by weight)
Volatile organic compound (VOC) content	32 g/L
Viscosity	35,000 cP at 77°F (25°C)

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Surfaces should be clean, dry, free of dirt, dust, debris, oils and other contaminants.

Prime DensDeck® roof boards with Vapor Retarder Primer TA prior to the application of Vapor Retarder Adhesive CA. Priming is optional when using DensDeck Prime roof boards.

APPLICATION

Apply Vapor Retarder Adhesive CA with a 3/16" (4.8 mm) notched squeegee.

MAINTENANCE

Standard maintenance of Sarnafil® or Sikaplan® systems 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

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 %, 3/8" per ft).

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 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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