

PRODUCT DATA SHEET

VAPOR RETARDER ADHESIVE CA

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.

PRODUCT INFORMATION

USES

Cold applied adhesive used to adhere Sika's vapor retarders within Sarnafil and Sikaplan roofing systems.

AREAS OF APPLICATION

- Concrete
- Approved gypsum boards

FEATURES / BENEFITS

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

TESTS

STANDARDS / APPROVALS

- FM Global
- Underwriters Laboratories

PRODUCT DATA

FORM

COMPOSITION

Polyether adhesive

COLOR

Brown-black

VOC CONTENT

32 g/l

PACKAGING

5 gallon (18.9 L) pails, 57 lbs (25.9 kg) per pail, 36 pails per pallet

STORAGE

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.

PRIOR TO EACH USE OF ANY SIKA PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT USA.SARNAFIL.SIKA.COM OR BY CALLING SIKA SARNAFIL'S TECHNICAL SERVICE DEPARTMENT AT 800-451-2504. NOTHING CONTAINED IN ANY SIKA 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 DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.

SHELF LIFE

Vapor Retarder Adhesive CA has a shelf life of 6 months in the original sealed container.

TECHNICAL DATA**TYPICAL PHYSICAL PROPERTIES***

Density: 11.2 lb/gal (1.3 kg/L)

Viscosity, Brookfield at 77°F (25°C): 35,000 cP

Solids by Weight: 99%

Ultimate elongation, ASTM D412: 300%

Curing Time at 77°F (25°C) and 50% RH**: 7 days depending on quantity applied

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

**Curing time will be longer at lower temperatures.

SYSTEM INFORMATION**APPLICATION INSTRUCTIONS****SURFACE 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 in (4.8 mm) notched squeegee.

COVERAGE

The coverage rate is approximately 50 sf/gal (0.8 L/m²) and may vary depending on the application technique and porosity of the surface.

PRODUCT 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 in per ft).
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AVAILABILITY

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

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.

WARRANTY

As a Sika supplied accessory, Vapor Retarder Adhesive CA is covered under Sika Corporation warranties.

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