



PRODUCT DATA SHEET

VAPOR RETARDER PRIMER VC

Vapor Retarder Primer VC is a VOC Compliant*, solvent-based primer used to prime wood, concrete, lightweight concrete, gypsum boards and decks, and DensDeck® boards prior to the application of Sika’s self-adhered vapor retarders or Sarnafil® G476 SA (Self-Adhered) waterproofing membrane.

PRODUCT INFORMATION

USES

- Primer used prior to the application of Sika’s self-adhered vapor retarders
- Primer used prior to the application of Sarnafil G476 SA (Self-Adhered) waterproofing membrane

AREAS OF APPLICATION

- Wood
- Concrete
- Lightweight concrete
- Gypsum decks
- Approved gypsum boards

FEATURES / BENEFITS

- Enhanced adhesion strength between primed substrates and Sika’s self-adhered vapor retarders or Sarnafil G476 SA waterproofing membrane

TESTS

STANDARDS / APPROVALS

- FM Global

PRODUCT DATA

FORM

COMPOSITION

Solvent-based liquid

COLOR

Green

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.

VOC CONTENT

0 g/l (according to EPA rules)*
240 g/l (according to SCAQMD rules)*
476.3 g/l (without any exemptions)*

* The U.S. EPA considers the solvents in Vapor Retarder Primer VC as “exempt”, and therefore the product’s VOC content can be considered “0 g/l” and used in all jurisdictions operating under the EPA guidelines. At this time, the SCAQMD does not recognize the TBAC solvent as “exempt”, and therefore the primer’s VOC content is “240 g/l” when used in jurisdictions operating under their guidelines (e.g. specific counties in CA). Vapor Retarder Primer VC is eligible for credits in LEED or Green Globes projects.

PACKAGING

5 gallon (18.9 L) pails, 39 lbs (17.7 kg) per pail, 36 pails per pallet

STORAGE

STORAGE CONDITIONS

Store in a tightly closed container in a cool ventilated area. Store away from direct sunlight and open flame.

SHELF LIFE

Vapor Retarder Primer VC has a shelf life of up to 60 months in the original sealed container.

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES*

Specific Gravity at 77°F (25°C): 0.94 kg/L

Solids by Weight: 45%

Brookfield Viscosity, 77°F (25°C): 300 - 600 cP

Flash Point: 14°F (-10°C)

Drying Time: 30 - 90 minutes depending on temperature and 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.

SYSTEM INFORMATION

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

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

MIXING

Vapor Retarder Primer VC must be mixed well before use. Do not dilute.

APPLICATION

Apply the primer with a brush or roller and allow primer to dry completely before applying Sika’s self-adhered vapor retarder or Sarnafil G476 SA waterproofing membrane. Install Sika’s self-adhered vapor retarder or Sarnafil G476 SA on the same day as the application of Vapor Retarder Primer VC.

COVERAGE

The coverage rate will range from 104 - 208 sf/gal (0.2 - 0.4 L/m²) on porous surfaces to 166 - 416 sf/gal (0.1 - 0.25 L/m²) on non-porous surfaces.

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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 14°F (-10°C) and rising.
- Vapor Retarder Primer VC is a flammable product. Do not accelerate drying of Vapor Retarder Primer VC by heating it with a torch. Keep ignition sources away during application and until solvent has evaporated.
- In closed area, ventilate carefully using mechanical means if necessary.
- Do not use Vapor Retarder Primer VC to seal self-adhesive vapor retarder seams or overlaps.

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 Primer VC is covered under Sika Corporation warranties.

LEGAL NOTES

All information provided by Sika Corporation (“Sika”) concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika’s current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika’s instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika’s control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at usa.sarnafil.sika.com or by calling 800-451-2504.

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’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 instruction for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.

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 shelf life. User determines suitability of product for intended use and assumes all risks. Buyer’s sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

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