

PRODUCT DATA SHEET

Vapor Retarder Primer VC

Vapor Retarder Primer VC is a VOC compliant, solvent-based primer

PRODUCT DESCRIPTION

Vapor Retarder Primer VC is a VOC compliant, solvent-based primer used to prime wood, concrete, lightweight concrete, approved gypsum boards, and gypsum decks prior to the application of Sika's self-adhered vapor retarders or Sarnafil® G 476 SA (Self-Adhered) waterproofing membrane.

USES

- Primer used prior to the application of Sika's self-adhered vapor retarders
- Primer used prior to the application of Sarnafil G 476 SA (Self-Adhered) waterproofing membrane

AREAS OF APPLICATION

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

CHARACTERISTICS / ADVANTAGES

- Enhanced adhesion strength between primed substrates and Sika's self-adhered vapor retarders or Sarnafil® G 476 SA waterproofing membrane

APPROVALS / STANDARDS

- FM Global

PRODUCT INFORMATION

Chemical Base	Solvent-based liquid
Packaging	5 gallon (18.9 L) pails, 39 lbs (17.7 kg) per pail, 36 pails per pallet
Appearance / Color	Green
Shelf Life	Vapor Retarder Primer VC has a shelf life of up to 60 months in the original sealed container.
Storage Conditions	Store in a tightly closed container in a cool ventilated area. Store away from direct sunlight and open flame.
Density	0.94 kg/L at 77°F (25°C)
Solid Content	45% (by weight)
Volatile organic compound (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.
Viscosity	300 – 600 cP at 77°F (25°C)

APPLICATION INFORMATION

Coverage	The coverage rate will range from 104 – 208 ft ² /gal (0.2 – 0.4 L/m ²) on porous surfaces to 166 – 416 ft ² /gal (0.1 – 0.25 L/m ²) on non-porous surfaces.
Waiting Time	30 – 90 minutes depending on temperature and quantity applied

APPLICATION INSTRUCTIONS

SUBSTRATE 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 G 476 SA waterproofing membrane. Install Sika’s self-adhered vapor retarder or Sarnafil G 476 SA on the same day as the application of Vapor Retarder Primer VC.

Primer may be used in seams and overlaps, but is not required. If used, allow primer to dry completely before forming seams and overlaps.

MAINTENANCE

Standard maintenance of Sarnafil or Sikaplan systems should include regular inspections 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

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.

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.**

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