



PRODUCT DATA SHEET

Vapor Retarder Primer VC

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.

WHERE TO USE

- 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 / CERTIFICATES

- FM Global

PRODUCT INFORMATION

Composition / Manufacturing	Solvent-based liquid
Packaging	18.9 L (5 US gal.) pails, 17.7 kg (39 lbs) per pail, 36 pails per pallet
Appearance / Colour	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 25°C (77°F)
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)* <small>* 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.</small>
Viscosity	300 – 600 cP at 25°C (77°F)

APPLICATION INFORMATION

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

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

OTHER DOCUMENTS

AVAILABILITY

Vapor Retarder Primer VC are available directly from Sika Canada Authorized Applicators when used within a Sika® Sarnafil® Roofing or Waterproofing System. Contact Sika Canada or visit our website at www.sika.ca for further information.

WARRANTY

Upon successful completion of the installed roof by the Sika Canada Authorized Applicator, Sika Canada can provide a Warranty to the Building Owner via the 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 -10°C (14°F) 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.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

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.

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.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: www.sika.ca

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Product Data Sheet

Vapor Retarder Primer VC
August 2021, Version 05.01
020945072100000010

