

PRODUCT DATA SHEET

Vapor Retarder Primer WB (US)

Vapor Retarder Primer WB (water-based) is a polymer emulsion-based primer

PRODUCT DESCRIPTION

Vapor Retarder Primer WB (US) (water-based) is a polymer emulsion-based primer used to prime wood, concrete, lightweight concrete, gypsum decks, and approved gypsum boards prior to the application of Sika's self-adhered vapor retarders. Particularly recommended when the use of solvent-based primer is not advised and/or not permitted.

USES

Water-based primer used prior to the application of Sika's self-adhered vapor retarders

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.

PRODUCT INFORMATION

Chemical Base	Water-based liquid
Packaging	5 gallon (18.9 L) pails, 46 lbs (20.9 kg) per pail, 36 pails per pallet
Appearance / Color	Blue
Shelf Life	Vapor Retarder Primer WB has a shelf life of 24 months in the original sealed container when kept from freezing temperatures.
Storage Conditions	Store Vapor Retarder Primer WB in a tightly closed container at temperatures between 40°F and 99°F (5°C and 37°C). Keep from freezing.
Density	Specific Gravity: 1.03 kg/L at 68°F (20°C)
Solid Content	55 % (by weight)
Volatile organic compound (VOC) content	0 g/L
Viscosity	500 cP at 77°F (25°C)

APPLICATION INFORMATION

Coverage	The coverage rate will range from 140 – 416 ft ² /gal (0.1 – 0.3 L/m ²) depending on the porosity of the surface.
Waiting Time	30 minutes to 3 hours 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 WB must be mixed well before use. Do not dilute.

APPLICATION

Apply Vapor Retarder Primer WB with a brush, roller or spray and allow primer to dry completely. Sika vapor retarder must be installed on the same day as the application of Vapor Retarder Primer WB. If spray equipment is used, spray tip size should be between 20 and 25 mils (0.51 mm to 0.64 mm) with a continuous pressure setting of 1300 psi.

MAINTENANCE

Standard maintenance of Sarnafil® or Sikaplan® systems should include 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

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.

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.
- The product temperature must be a minimum of 50°F (10°C) at the time of application.
- This product is not suitable for plastic surfaces such as vinyl (including PVC pipe) or water repellent treated panels.
- Do not use Vapor Retarder Primer WB to seal self-adhesive vapor retarder seams or overlaps.

BASIS OF PRODUCT DATA

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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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