

PRODUCT DATA SHEET

VAPOR RETARDER PRIMER WB

Vapor Retarder Primer WB (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.

PRODUCT INFORMATION

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

FEATURES / BENEFITS

- Enhanced adhesion strength between primed substrates and Sika's self-adhered vapor retarders.

PRODUCT DATA

FORM

COMPOSITION

Water-based liquid

COLOR

Blue

VOC CONTENT

0 g/l

PACKAGING

5 gallon (18.9 L) pails, 46 lbs (20.9 kg) per pail, 36 pails per pallet

STORAGE

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.

SHELF LIFE

Vapor Retarder Primer WB has a shelf life of 24 months in the original sealed container when kept from freezing temperatures.

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.

TECHNICAL DATA**TYPICAL PHYSICAL PROPERTIES***

Specific Gravity at 68°F (20°C): 1.03 kg/L

Solids by Weight: 55%

Brookfield Viscosity, 77°F (25°C): 500 cP

Drying Time: 30 minutes to 3 hours 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 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.

COVERAGE

The coverage rate will range from 140 - 416 sf/gal (0.1 - 0.3 L/m²) depending on the 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.
 - 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.
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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 Primer WB is covered under Sika Corporation warranties.

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Vapor Retarder Primer WB
7-31-17, VERSION #2

North America
Primers

