

PRODUCT DATA SHEET

VAPOR RETARDER PRIMER TA

Vapor Retarder Primer TA is a blend of bitumen and solvents used on concrete decks prior to applying Sika's torch-applied vapor retarders. The primer improves the adhesion of Sika's torch-applied vapor retarders to the properly prepared and fully dry concrete surface. It is also used to prime concrete decks prior to the application of hot asphalt for Sika's ply sheets.

PRODUCT INFORMATION

USES

- Primer used on concrete surfaces prior to the application of Sika's torch-applied vapor retarders
- Primer used on concrete surfaces prior to the application of hot asphalt for Sika's ply sheets

AREAS OF APPLICATION

- Concrete
- Lightweight concrete

FEATURES / BENEFITS

- Enhanced adhesion strength between primed substrates and Sika's torch-applied vapor retarders or hot asphalt.

TESTS

STANDARDS / APPROVALS

- FM Global
- Meets ASTM D41

PRODUCT DATA

FORM

COMPOSITION

Solvent-based liquid

COLOR

Black

VOC CONTENT

340 g/l

PACKAGING

5 gallon (18.9 L) pails, 43 lbs (19.5 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.

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.

SHELF LIFE

Vapor Retarder Primer TA has a shelf life of up to 60 months in the original sealed container stored in a cool ventilated area.

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES*

Specific Gravity at 68°F (20°C): 1.00 kg/L

Solids by Weight: 35%

Brookfield Viscosity, 77°F (25°C): 50 cP

Flash Point, ASTM D93: -4°F (-20°C)

Drying Time: 1 to 12 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

Concrete surfaces should be clean, dry, free of dirt, dust, debris, oils and other contaminants. Old asphalt or other residue must be removed to the extent possible before priming in order to obtain acceptable membrane adhesion to the substrate.

MIXING

Vapor Retarder Primer TA 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 torch-applied vapor retarder or hot asphalt. Install Sika's torch-applied vapor retarder or hot asphalt on the same day as the application of Vapor Retarder Primer TA.

COVERAGE

The coverage rate is 166 - 277 sf/gal (0.15 - 0.25 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 14°F (-10°C) and rising.
 - Vapor Retarder Primer TA is a flammable product. Do not accelerate drying of Vapor Retarder Primer TA 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.
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AVAILABILITY

From Authorized Applicators when used within Sarnafil or Sikaplan roofing and waterproofing systems.

MAINTENANCE

Standard maintenance of roofs, green roofs and plaza decks should include regular inspection of flashings, drains and termination sealants at least twice a year and after each storm.

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WARRANTY

As a Sika supplied accessory, Vapor Retarder Primer TA 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.

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Product Data Sheet
Vapor Retarder Primer TA
7-31-17, VERSION #2

North America
Primers

