

## PRODUCT DATA SHEET

# Vapor Retarder Primer TA

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VAPOR RETARDER PRIMER TA IS A BLEND OF BITUMEN AND SOLVENTS

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### PRODUCT DESCRIPTION

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 attachment 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.

### 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

### CHARACTERISTICS / ADVANTAGES

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

### APPROVALS / STANDARDS

- FM Global
- Meets ASTM D41

## PRODUCT INFORMATION

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|--|---|
| <b>Chemical Base</b>                           | Solvent-based liquid  |
| <b>Packaging</b>                               | 5 gallon (18.9 L) pails, 43 lbs (19.5 kg) per pail, 36 pails per pallet   |
| <b>Appearance / Color</b>                      | Black   |
| <b>Shelf Life</b>                              | Vapor Retarder Primer TA has a shelf life of up to 60 months in the original sealed container stored in a cool ventilated area. |
| <b>Storage Conditions</b>                      | Store in a tightly closed container in a cool ventilated area. Store away from direct sunlight and open flame.                  |
| <b>Density</b>                                 | Specific Gravity: 1.00 kg/L at 68°F (20°C)  |
| <b>Solid Content</b>                           | 35 % (by weight)  |
| <b>Volatile organic compound (VOC) content</b> | 340 g/L   |
| <b>Viscosity</b>                               | 50 cP at 77°F (25°C)  |

## APPLICATION INFORMATION

|                     |   |
|---------------------|---|
| <b>Coverage</b>     | The coverage rate is 166 – 277 ft <sup>2</sup> /gal (0.15 – 0.25 L/m <sup>2</sup> ) depending on the porosity of the surface. |
| <b>Waiting Time</b> | 1 – 12 hours depending on temperature and quantity applied  |

## APPLICATION INSTRUCTIONS

### SUBSTRATE 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.

### MAINTENANCE

Standard maintenance of roofs, green roofs and plaza decks 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

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 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.

## 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](http://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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