



## PRODUCT DATA SHEET

# Vapor Retarder Primer TA

### BLEND OF BITUMEN AND SOLVENTS

#### PRODUCT DESCRIPTION

Vapor Retarder Primer TA is a blend of bitumen and solvents used on concrete decks prior to applying Sika's torch-applied vapour retarders. The primer improves the adhesion of Sika's torch-applied vapour 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.

#### WHERE TO USE

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

#### Areas of Application

- Concrete
- Lightweight concrete

#### PRODUCT INFORMATION

<b>Composition / Manufacturing</b>	Solvent-based liquid
<b>Packaging</b>	18.9 L (5 gal) pails, 19.5 kg (43 lb) per pail, 36 pails per pallet
<b>Appearance / Colour</b>	Black
<b>Shelf Life</b>	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 kg/L at 20 °C (68 °F)
<b>Solid content</b>	35 % (by weight)

#### CHARACTERISTICS / ADVANTAGES

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

#### APPROVALS / CERTIFICATES

- FM Global
- Meets ASTM D41

**Volatile organic compound (VOC) content** 340 g/L

**Viscosity** 50 cP at 25 °C (77 °F)

## APPLICATION INFORMATION

**Consumption** Coverage rate: 0.15 L/m<sup>2</sup> to 0.25 L/m<sup>2</sup> (166 ft<sup>2</sup>/US gal. to 277 ft<sup>2</sup>/US gal.), depending on the porosity of the surface.

**Waiting Time** 1 -12 hours 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 TA is 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](http://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 odours and/or vapours 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.
- Minimum ambient and surface temperatures: -10 °C (14 °F) 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.

## 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

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

## MAINTENANCE

As a prudent preventative measure, Sika Canada recommends that the Owner or that the Owner's designated representative inspect the installed roof system for damage, flashings, plugged drains, weathered sealants, etc. 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](http://www.sika.ca)

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### **Other locations**

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

### **Product Data Sheet**

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