

PRODUCT DATA SHEET

SikaShield® Asphalt Primer

Water-based Asphalt Primer

PRODUCT DESCRIPTION

SikaShield® Asphalt Primer is a water-based asphalt emulsion with low viscosity and high solids content to ensure the consolidation of porous substrates and increase the adhesion of the subsequent waterproofing layer.

USES

As a sealer and adhesion promoter of the SikaShield® modified bituminous membranes over:

- Concrete
- Mortar
- Masonry

CHARACTERISTICS / ADVANTAGES

- Non-flammable
- Quick drying time
- Ready to use
- Good penetrating ability into porous substrates
- Applied by brush, roller or airless spray
- Can be applied on slightly damp surfaces

PRODUCT INFORMATION

Chemical Base	Asphalt emulsion and additives
Packaging	5 gallon pail
Shelf Life	12 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between 41°F (5°C) and 86°F (30°C). Always refer to packaging.
Color	Brown (it turns black when fully dried)
Density	1.0 ± 0.02 (ASTM D-70)
Solid content by mass	42 ± 2 (ASTM D-2369)
Viscosity	3000 ± 2000 (ASTM D-2196)
pH-Value	11.0 ± 0.5 (ASTM E-70)
Water resistance	Approved (ASTM D-2939)

APPLICATION INFORMATION

Coverage	0.25 - 0.30 gallons per square feet
Ambient Air Temperature	minimum 50°F (10°C) maximum 113°F (45°C)
Substrate Moisture Content	maximum 4%
Cure Time	4 hours (ASTM D-2939)
Tack Free Time	15 - 20 min (ASTM D-2939)

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.

USES

Do not apply the primer during rainfall and wet conditions.

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 in compliance with Sika requirements, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator.

ENVIRONMENTAL, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

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.

APPLICATION INSTRUCTIONS

EQUIPMENT

SikaShield® Asphalt Primer can be applied by brush or roller.

SUBSTRATE QUALITY

Substrate must be uniform, dry or slightly damp, free from dust, loose material, surface contamination, existing coatings, oil, grease and other materials which

could reduce adhesion of the coating.

SUBSTRATE PREPARATION

Surface defects (> 197 mil) such as blowholes, voids, honeycombing, etc. must be filled / repaired with suitable Sika repair mortars.

MIXING

Dilute 3 parts of SikaShield® Asphalt Primer in 1 part of water.

APPLICATION

Apply SikaShield® Asphalt Primer onto the prepared substrate at the required consumption. Ensure a continuous, pore free coat covers the substrate. Wait for the total cure to apply the SikaShield® modified bituminous membranes.

CLEANING OF TOOLS

Clean all tools and application equipment immediately after use. Hardened material can only be removed mechanically.

OTHER RESTRICTIONS

See Legal Disclaimer.

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.

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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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