

PRODUCT DATA SHEET

SikaShield® Asphalt Adhesive

SBS modified bituminous adhesive

PRODUCT DESCRIPTION

SikaShield® Asphalt Adhesive is a cold applied, SBS polymer modified asphalt roofing adhesive that provides excellent adhesion and flexible bond to the SikaShield® modified bituminous membranes.

USES

SikaShield® Asphalt Adhesive is used to adhere the SikaShield® modified bituminous membranes when heat welding is not possible. Suitable substrates:

- Concrete
- Lightweight concrete
- Brick masonry
- Cementitious screeds
- Modified bituminous membranes with a smooth surface

CHARACTERISTICS / ADVANTAGES

- Cold applied asphalt adhesive
- Easy to apply
- Promotes excellent adhesion between the membranes and the substrate
- Good penetration into porous substrates
- Ready to use

APPROVALS / STANDARDS

This product meets or exceeds the requirements of ASTM D-3019 Type III

PRODUCT INFORMATION

Chemical Base	SBS modified bitumen and additives
Packaging	<ul style="list-style-type: none">▪ 5 gallon (18.9 L)▪ 55 gallon / drum (208.2 L)
Shelf Life	12 months from the date of production
Storage Conditions	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between 41°F and 104°F (5°C and 40°C), out of direct sunlight and away from heat, sparks and flame.
Color	Black
Density	8.298 lb/gal (0.994 kg/L)
Viscosity	15,000 cP to 25,000 cP
Service Temperature	15°F (-9°C) to 18°F (-13°C)
Coverage	The coverage rate may vary depending on substrate porosity, ambient temperature, and experience. The typical coverage rate for the following applications are: <ul style="list-style-type: none">▪ Smooth surfaces: 1.5 gallons per 100 square feet▪ Porous substrates: 2 gallons per 100 square feet
Cure Time	30 to 60 days depending on the ambient conditions
Drying Time	24 - 48 hours at 77°F (25°C)

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 use with EPDM, PVC, TPO or other single-ply membranes.

DO NOT use with modified bituminous membranes surfaced with any kind of foil (polyolefin, polyethylene, etc.)

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.

LIMITATIONS

- Do not use inside residential properties or in non-

- ventilated environments.
- Do not apply on wet or very damp surfaces.
- Do not mix with cement or water.
- Do not use in contact with solvent or mineral oils.

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.

EQUIPMENT

SikaShield® Asphalt Adhesive can be applied by brush or squeegee. For spray applications, consider equipment with 2000 to 3000 PSI, 0.061 to 0.080 tip Size and 3 to 4 GPM

SUBSTRATE QUALITY

Substrate must be uniform, dry or slightly damp, free from dust, loose material, surface contamination, existing coatings, curing membranes, oil, grease, rust and other materials, which could reduce adhesion of the

coating. Surface defects in cementitious substrates (>195 mil) such as blowholes, voids, honeycombing, etc. must be filled / repaired with suitable Sika repair products.

SUBSTRATE PREPARATION

The bituminous membranes must be fully adhered in position before the adhesive sets.

APPLICATION

1. Apply SikaShield® Asphalt Adhesive onto the prepared substrate using the appropriate equipment at the required consumption. Make sure a continuous, pore free coat covers the substrate.
2. Apply the modified bituminous membranes onto the adhesive while still fresh.
3. Press the surface of the applied membrane with a weighted roller from the center to the edge to remove any air bubbles.

Check the Product Data Sheet of the membrane for specific details, such as overlaps.

CLEANING OF TOOLS

Clean all tools and application equipments 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.

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.

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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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Product Data Sheet

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