



PRODUCT DATA SHEET

SarnaRoof® Flashing Adhesive DS 100

Double-sided pressure sensitive adhesive

PRODUCT DESCRIPTION

SarnaRoof® Flashing Adhesive DS 100 is a double-sided pressure sensitive acrylic adhesive designed specifically for use in Sarnafil® and Sikaplan® roofing systems.

USES

To adhere Sarnafil or Sikaplan bareback flashing membranes to approved substrates. Can also be used to adhere Sarnatred-V walkway to Sarnafil or Sikaplan roofing systems.

AREAS OF APPLICATION

- Curbs
- Walls
- Sarnatred-V Walkway

Approved Substrates

- Plywood
- Concrete
- Concrete Block
- Metal
- High Density Polyisocyanurate Roof Boards
- Primed Gypsum Cover Boards
- Securock® Ultralight Glass-Mat Roof Boards
- Sarnafil and Sikaplan roofing systems

CHARACTERISTICS / ADVANTAGES

- VOC free and odor free
- Quick and easy to install
- Factory manufactured to ensure uniform coverage
- Can be installed down to 20°F (-7°C)
- Eliminates disposal of empty adhesive pails
- Polyolefin interliner protects the adhesive
- Can be used with all Sarnafil and Sikaplan flashing membrane options including asphalt resistant Sarnafil G 459, colored Sarnafil flashing membranes, thicker Sarnafil flashing membranes, and Sikaplan membranes
- Accommodates all flashing sizes and can minimize membrane overlaps and welding

PRODUCT INFORMATION

Chemical Base	Double-sided acrylic adhesive with removable polyolefin liner
Packaging	12" x 150 ft (30.5 cm x 45.7 m) roll, 13.9 lbs (6.3 kg) per roll, 144 rolls per pallet 36" x 150 ft (91.5 cm x 45.7 m) roll, 41.5 lbs (18.9 kg) per roll, 36 rolls per pallet
Shelf Life	12 months
Storage Conditions	Store rolls standing on end on pallets and fully protected from the weather. Store at temperatures between 41°F - 86°F (5°C - 30°C). Limit exposure to direct sunlight. Do not expose to moisture and/or extreme humidity while stored.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon equipment, temperature, application methods, test methods, actual site conditions and curing 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.

LIMITATIONS

- The ambient and substrate temperature must be 20°F (-7°C) or above during application.
- SarnaRoof Flashing Adhesive DS 100 will not provide a barrier from incompatible materials such as residual asphalt.
- Adhered flashings that exceed 45" (1.14 m) in height shall receive additional securement.
- A static electric charge may develop when removing the liner from the adhesive. Care should be used when removing and handling the liner to avoid ignition. Lids must be closed on any flammable products and a fire extinguisher should be readily available.

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean, sound, dry, and free of loose materials and laitance, or contaminants such as water, frost, ice, oil and grease that would interfere with the adhesion of the product.

In accordance with the ICRI Technical Guideline No. 310.2R-2013, concrete surfaces must be finished to meet a concrete surface profile (CSP) of 1 to 4.

Concrete block joints must be flush with the face of the concrete block.

APPLICATION

For parapet walls, use the 36" (91.5 cm) wide roll. Lay the roll on side at the base of the wall with the adhesive side toward the wall. Pull the adhesive film up to the top of the wall and over the nailer as required. Press and smooth the adhesive into place by hand and create the continuous bond to the substrate. Butt all side laps (do not overlap). Cut the roll at the base of the wall.

For curbs, use the 12" (30.5 cm) wide roll. Apply the adhesive to the substrate by holding the roll and wrap the adhesive film around all sides of the curb. Cut the roll to butt the adhesive with the beginning edge (do not overlap). Press and smooth the adhesive into place by hand and create the continuous bond to the substrate.

Measure and cut the Sarnafil or Sikaplan bareback flashing membrane to extend 5" (12.7 cm) past the base angle attachment at the wall or curb and 3" (7.6 cm) to accommodate vertical overlaps. Remove the release liner, install the Sarnafil or Sikaplan barebacked membrane into the adhesive without wrinkles. Press the flashing membrane onto the adhesive using a neoprene hand roller or linoleum roller. Properly dispose of the

release liner. Hot air weld the flashing membrane overlaps.

For Sarnatred-V walkway, use the 36" (91.5 cm) wide roll of adhesive leaving approximately 1.5" (3.8 cm) for welding the walkway along each edge. Chalk lines on the surface of the roofing system to indicate the location of the adhesive. Install the adhesive directly from the roll or in pre-cut sections.

Remove the release liner from the adhesive just before applying the Sarnatred-V walkway. Center the walkway over the adhesive leaving enough space around the perimeter of the walkway to hot air weld the walkway to the roof membrane. Smooth out any wrinkles and roll the entire surface of the walkway with a minimum 75 lb (34 kg) steel roller. Properly dispose of the release liner. Hot air weld the entire perimeter of the walkway to the roofing system.

MAINTENANCE

Standard maintenance of Sarnafil or Sikaplan systems should include inspections of flashings, drains, and termination sealants at least twice a year and after each storm.

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

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Product Data Sheet

SarnaRoof® Flashing Adhesive DS 100
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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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