

PRODUCT DATA SHEET

SARNAFILLER

Sarnafiller is a two-component urethane pourable sealant used as a pitch pocket filler within Sarnafil® and Sikaplan® roofing systems. It is also used as an adhesive to bond Sarnafil G459 grid strip flashing membrane to concrete and masonry surfaces in Sarnafil waterproofing applications.

PRODUCT INFORMATION

USES

Pitch pocket filler and Sarnafil G459 grid strip flashing membrane adhesive

AREAS OF APPLICATION

- Sarnafil and Sikaplan roofing systems
- Sarnafil waterproofing systems

FEATURES / BENEFITS

- Cures to a tough rubber mass when properly mixed
- Excellent adhesion and low temperature elasticity properties
- Will not flow or creep in elevated temperatures
- Does not contain solvents, asphalt or coal tar

PRODUCT DATA

FORM

COMPOSITION

Two-component pourable urethane

COLOR

Part A: Tan

Part B: Black

Part A+B Mixed: Black

VOC CONTENT

7 g/l (A+B Combined)

PACKAGING

2 – 1 gallon (3.78 L) kits per carton, 20 lbs (9.1 kg) per carton, 50 cartons per pallet. Each carton contains 2 – 1 gallon (3.78 L) pails of Part A (resin), 2 – 16 oz (0.47 L) cans of Part B (hardener) and one mixing paddle.

STORAGE

STORAGE CONDITIONS

Store in a cool, dry location. Sarnafiller will not be damaged by freezing temperatures, but it is required to be brought up to 70°F (22°C) for 24 hours before use in cool or cold temperatures to allow for proper mixing.

PRIOR TO EACH USE OF ANY SIKA PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT USA.SARNAFIL.SIKA.COM OR BY CALLING SIKA SARNAFIL'S TECHNICAL SERVICE DEPARTMENT AT 800-451-2504. NOTHING CONTAINED IN ANY SIKA 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 DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.

SHELF LIFE

12 months when stored in the original unopened, sealed and unmixed containers at 70°F (22°C) with 50% relative humidity. High temperature and high relative humidity may significantly reduce shelf life.

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES*		
Properties	ASTM Test Method	Typical Results
Viscosity, Brookfield RVF TD spindle, 4 RPM 73°F (23°C)		
Part A, cps	--	65,000 +/- 15,000
Part B, cps	--	1,500 +/- 1,000
Density		
Part A, lbs/gallon	D1475	8.3 +/- 0.2
Part B, lbs/gallon	D1475	9.2 +/- 0.2
Hardness, Shore A	C661	41 - 51
Elongation at Break, %	D412	75 - 100
Tensile Strength, psi	D412	126
Low Temperature Flex, ¼" (6.4 mm) mandrel @ -10°F (-23°C)	D816	Pass
Pot Life @ 70°F (21°C), minutes	--	90 +/- 45
Shrinkage	--	No visible shrinkage after 14 days

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

SYSTEM INFORMATION

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

All surfaces should be clean, sound, dry, and free of all bond breaking contaminants such as rust, oil, wax and grease. Wipe all new metal with Sika's Seam Cleaner, acetone, or rubbing alcohol before applying Sarnafiller. Do not use mineral spirits as a cleaner.

MIXING

Mix Part A and Part B with a drill and mixing paddle for a minimum of 5 minutes making sure the material is a uniform black color.

APPLICATION

Pitch Pocket Filler:

Pour the mixed Sarnafiller into the pitch pocket and tool with a paint stirrer to work out any entrapped air. There must be a minimum of 2 in (51 mm) between the sides of the pitch pocket and the penetration to allow Sarnafiller to adequately fill the area. Fill the pitch pocket completely to prevent water from collecting within the pitch pocket. Refer to Sika – Roofing details.

Sarnafil G459 Grid Strip Flashing:

Chalk lines onto the substrate 12 in (305 mm) wide to identify the location of the grid strips.

Prime the back of the Sarnafil G459 grid strip flashing membrane with Sikaflex® Primer 449. Do not apply primer where the Sarnafil G459 grid strip flashing membrane will be welded together at the overlaps.

Pour the mixed Sarnafiller onto the substrate between the chalk lines. Spread Sarnafiller with a ¼ in x ¼ in (6.4 mm x 6.4 mm) square notched trowel and

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completely cover the area between the chalk lines. Immediately set the Sarnafil G459 grid strip flashing membrane into Sarnafiller and thoroughly roll-in with a hand roller. Be sure that a small amount of Sarnafiller extends out from the edge of the Sarnafil G459 grid strip flashing membrane to ensure 100% coverage.

For vertical Sarnafil G459 grid strip flashing membrane installations, use Sikaflex-11FC as the Sarnafil G459 grid strip flashing membrane adhesive. Refer to the Sikaflex-11FC product data sheet.

COVERAGE

Pitch Pocket Filler: 231 cubic inches per gallon (1000 cm³/L)

Sarnafil G459 Grid Strip Flashing: 20 sf per gallon (0.5 m²/L)

PRODUCT LIMITATIONS

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.

- Do not store in elevated temperatures
 - Remove all coatings and sealers on surfaces before application
 - Do not apply at temperatures below 40°F (4°C)
 - Do not prime surfaces with asphalt primer
 - Do not apply over uncured concrete
 - Do not apply over wet or oily surfaces
 - Do not apply if rain is expected within 4 hours
 - Incompatible with Hypalon and smooth APP modified bitumen membranes
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AVAILABILITY

From Sika Corporation – Roofing Authorized Applications for use within Sarnafil or Sikaplan systems.

MAINTENANCE

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

LEGAL NOTES

All information provided by Sika Corporation (“Sika”) concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika’s current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika’s instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika’s control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at usa.sarnafil.sika.com or by calling 800-451-2504.

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Product Data Sheet

North America

Sarnafiller

Primers

7-31-17, VERSION #2

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BUILDING TRUST



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