

# PRODUCT DATA SHEET

## Sarnafiller

SARNAFILLER IS A TWO-COMPONENT URETHANE POURABLE SEALANT

### PRODUCT DESCRIPTION

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® G 459 grid strip flashing membrane to concrete and masonry surfaces in Sarnafil® waterproofing applications.

### USES

Pitch pocket filler and Sarnafil® G 459 grid strip flashing membrane adhesive

#### Areas of Application

- Sarnafil® and Sikaplan® roofing systems
- Sarnafil® waterproofing systems

### CHARACTERISTICS / ADVANTAGES

- 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 INFORMATION

<b>Chemical Base</b>	Two-component pourable urethane
<b>Packaging</b>	Two 1 gallon (3.78 L) kits per carton, 20 lbs (9.1 kg) per carton, 50 cartons per pallet. Each carton contains two 1 gallon (3.78 L) pails of Part A (resin), two 16 oz (0.47 L) cans of Part B (hardener) and one mixing paddle.
<b>Appearance / Color</b>	Part A: Tan Part B: Black Part A+B Mixed: Black
<b>Shelf Life</b>	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.

<b>Storage Conditions</b>	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.	
<b>Density</b>	<b>Part A:</b> 8.3 +/- 0.2 lbs/gallon <b>Part B:</b> 9.2 +/- 0.2 lbs/gallon	(ASTM D-1475)
<b>Volatile organic compound (VOC) content</b>	7 g/L (A+B Combined)	
<b>Viscosity</b>	<b>Part A:</b> 65,000 +/- 15,000 cps <b>Part B:</b> 1,500 +/- 1,000 cps	(Brookfield RVF TD spindle, 4 RPM 73°F (23°C))

## TECHNICAL INFORMATION

<b>Shore A Hardness</b>	41 - 51	(ASTM C-661)
<b>Tensile Strength</b>	126 psi (0.87 MPa)	(ASTM D-412)
<b>Elongation at Break</b>	75 - 100 %	(ASTM D-412)
<b>Low Temperature Bend</b>	Pass 1/4" (6.4 mm) mandrel @ -10°F (-23°C)	(ASTM D-816)
<b>Shrinkage</b>	No visible shrinkage after 14 days	--

## APPLICATION INFORMATION

<b>Coverage</b>	Pitch Pocket Filler: 231 in <sup>3</sup> /gal (1000 cm <sup>3</sup> /L) Sarnafil® G 459 Grid Strip Flashing: 20 ft <sup>2</sup> /gal (0.5 m <sup>2</sup> /L)
<b>Pot Life</b>	90 +/- 45 minutes at 70°F (21°C)

## APPLICATION INSTRUCTIONS

### SUBSTRATE 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" (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® G 459 Grid Strip Flashing:

Chalk lines onto the substrate 12" (305 mm) wide to

identify the location of the grid strips. Prime the back of the Sarnafil® G 459 grid strip flashing membrane with Sikaflex® Primer 449. Do not apply primer where the Sarnafil® G 459 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" x ¼" (6.4 mm x 6.4 mm) square notched trowel and completely cover the area between the chalk lines. Immediately set the Sarnafil® G 459 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® G 459 grid strip flashing membrane to ensure 100 % coverage.

For vertical Sarnafil G 459 grid strip flashing membrane installations, use Sikaflex®-11FC as the Sarnafil G 459 grid strip flashing membrane adhesive. Refer to the Sikaflex®-11FC product data sheet.

## 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.

## AVAILABILITY/WARRANTY

### Availability

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

### Warranty

Sealant is a maintenance item and is not covered under the Sarnafil warranty.

### 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

### 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.

### OTHER RESTRICTIONS

See Legal Disclaimer.

### 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.

**Sika Corporation**  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: +1-800-933-7452  
Fax: +1-201-933-6225  
usa.sika.com

**Sika Sarnafil**  
100 Dan Road  
Canton, MA 02021  
Phone: +1 800-451-2504  
Fax: +1 781-828-5365  
usa.sarnafil.sika.com  
webmaster.sarnafil@us.sika.com

### 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](http://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. **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.

**Sika Mexicana S.A. de C.V.**  
Carretera Libre Celaya Km. 8.5  
Fracc. Industrial Balvanera  
Corregidora, Queretaro  
C.P. 76920  
Phone: 52 442 2385800  
Fax: 52 442 2250537

**SIKA CORPORATION – ROOFING**  
100 Dan Road  
Canton, MA 02021  
Phone: +1-800-451-2504  
Fax: +1-781-828-5365



Product Data Sheet  
Sarnafiller  
September 2019, Version 03.01  
020945072150000004

Sarnafiller-en-US-(09-2019)-3-1.pdf

**BUILDING TRUST**

