

# PRODUCT DATA SHEET

## SARNACOL® OM FELTBACK MEMBRANE ADHESIVE

Sarnacol® OM Feltback Membrane Adhesive is a two-component foamable polyurethane adhesive that is applied in one step and sets up in minutes.

### PRODUCT INFORMATION

#### USES

Sarnacol OM Feltback Membrane Adhesive is used to bond Sarnafil® feltback membranes to approved substrates.

#### AREAS OF APPLICATION

##### Sika Approved Substrates

- Concrete
- Light Weight Insulated Concrete
- Gypsum
- Mineral Surface Asphalt
- Aged Smooth Asphalt
- Approved Sika Ply Sheets within Hybrid Roofing Systems

##### Sika Approved Insulations and Cover Boards

- Polyisocyanurate Insulations
- High Density Polyisocyanurate Roof Boards
- Gypsum Cover Boards

#### FEATURES / BENEFITS

- Low VOC
- Rapid application with appropriate dispensing tools
- Chemical cure for fast set up and dry in times

#### TESTS

#### CODES / APPROVALS

- FM Global
- Underwriters Laboratories
- ICC Code Compliant – ESR 1157
- Miami-Dade County
- Florida Building Code

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](http://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.

---

## PRODUCT DATA

---

### FORM

### COMPOSITION

Liquid

### COLOR

Brown

### VOC CONTENT

32 g/l (Part A & B Combined)

### PACKAGING

- 1.5 L (0.4 gal) dual cartridge, 4 dual cartridges per case; 19 lbs (8.6 kg) per case, 40 cases per pallet
- 10 gal (37.8 L) box set: 5 gal (18.9 L) 53 lb (24 kg) of Part A and 5 gal (18.9 L) 45 lb (20.4 kg) of Part B, 16 box sets per pallet

---

### STORAGE

### STORAGE CONDITIONS

Store in a cool, dry location at temperatures between 55°F (12.8° C) and 85°F (29.4° C). Protect from freezing at all times. Keep containers closed.

Contamination by moisture or basic compounds can cause dangerous pressure build-up in a closed container.

### SHELF LIFE

18 months if stored properly in original unopened, sealed and undamaged packaging.

---

## SYSTEM INFORMATION

---

### APPLICATION INSTRUCTIONS

### SURFACE PREPARATION

All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants or particulates. All concrete surfaces must be cured prior to applying Sarnacol OM Feltback Membrane Adhesive.

### APPLICATION METHOD / TOOLS

SpotShot Applicator:

Remove the plastic plugs from the cartridge mixing head. Attach a mixing tip to the threaded mixing head. Place the cartridge into the applicator. When starting a new cartridge, dispense some adhesive into a bucket or other suitable receptacle to achieve a proper mix.

Apply the adhesive directly to the substrate, using a ribbon pattern. Space the ¾ in. - 1 in. (19 mm - 25 mm) wide beads at a maximum of 12 in. (30 cm) o.c. to achieve proper coverage rate. Actual ribbon spacing will depend on the wind uplift rating required. Allow the adhesive to turn to a caramel color (normally 3-5 minutes) before placing the feltback membrane into the adhesive.

The adhesive is designed to provide approximately 4-8 minutes of open time during a typical summer day. The membrane must be positioned and rolled into place quickly. A minimum 100 lb (45 kg) steel roller must be used to roll the membrane.

PaceCart2 Installation:

Install Part A and Part B components following instructions on the packaging. Always insure that the Part A and Part B containers are always hooked to the same dispensing holders or hoses (i.e. do not reverse the dispenser holders and hoses between Part A and Part B). All valves on the

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](http://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.

---

dispensing unit must be completely opened so a 1:1 ratio is achieved when moving the adhesive through the disposable mix tip and onto the substrate in a semi-liquid state. When starting a new box set, dispense some adhesive into a bucket or other suitable receptacle to achieve a proper mix.

Apply the adhesive directly to the substrate, using a ribbon pattern. Space the 3/4 in. - 1 in. (19 mm - 25 mm) wide beads at a maximum of 12 in. (30 cm) o.c. to achieve proper coverage rate. Actual ribbon spacing will depend on the wind uplift rating required. Allow the adhesive to turn to a caramel color (normally 3-5 minutes) before placing the feltback membrane into the adhesive.

The adhesive is designed to provide approximately 4-8 minutes of open time during a typical summer day. The membrane must be positioned and rolled into place quickly. A minimum 100 lb (45 kg) steel roller must be used to roll the membrane.

#### COVERAGE

Application rates vary depending on surface roughness and absorption rate of the substrate. Typical coverage rates when using the:

- 1.5L cartridge is approximately 600 sq.ft. (56 m<sup>2</sup>) per case
- 10 gallon box set is 1,000 to 2,000 sq.ft. (93 to 185 m<sup>2</sup>)

Rates are based on an application of 12 in. (30 cm) o.c. ribbons.

---

#### 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 apply in wet weather or to a wet surface.
  - Condition product to at least 72°F (22.2°C) before application.
  - The minimum ambient and surface temperatures should be 40°F (4.4°C) and rising.
  - Not recommended for use with insulation boards larger than 4' x 4' (1.2 m x 1.2 m).
  - All boards must lay flat upon roof surface.
  - Unused adhesive can be applied at a later date by simply replacing the mixing tip.
  - Do not allow the adhesive to skin over.
- 

#### 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.

---

#### WARRANTY

As a Sika supplied accessory, Sarnacol OM Feltback Membrane Adhesive is covered under Sika Corporation warranties.

---

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.

---

**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](http://usa.sarnafil.sika.com) or by calling 800-451-2504.

**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](http://usa.sarnafil.sika.com) or by calling Sika'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 instruction for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.**

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 shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

**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.**

---

**SIKA CORPORATION – ROOFING****UNITED STATES**

100 Dan Road  
Canton, MA 02021  
800-451-2504 (p)  
781-828-5365 (f)  
[usa.sarnafil.sika.com](http://usa.sarnafil.sika.com)  
[webmaster.sarnafil@us.sika.com](mailto:webmaster.sarnafil@us.sika.com)

**SIKA CANADA INC.**

6915 Davand Drive  
Mississauga, ON L5T 1L5  
905-795-3177 (p)  
905-795-3192 (f)  
[can.sika.com](http://can.sika.com)  
[marketing.construction@ca.sika.com](mailto:marketing.construction@ca.sika.com)

---

**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](http://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.**

Product Data Sheet  
Sarnacol OM Feltback Membrane  
7-26-17, VERSION #4

North America  
Adhesive

