



## PRODUCT DATA SHEET

# Sarnacol® OM Feltback Membrane Adhesive

SARNACOL OM FELTBACK MEMBRANE ADHESIVE IS A TWO-COMPONENT FOAMABLE POLYURETHANE ADHESIVE

### PRODUCT DESCRIPTION

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

### USES

Sarnacol® OM Feltback Membrane Adhesive is used to bond Sarnafil® and Sikaplan Adhered 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 Modified Ply Sheets

##### Sika Approved Insulations and Cover Boards

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

### CHARACTERISTICS / ADVANTAGES

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

### APPROVALS / STANDARDS

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

## PRODUCT INFORMATION

<b>Chemical Base</b>	Liquid
<b>Packaging</b>	<ul style="list-style-type: none"><li>▪ 1.5 L (0.4 gal) dual cartridge, 4 dual cartridges per case; 19 lbs (8.6 kg) per case, 40 cases per pallet</li><li>▪ 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</li></ul>
<b>Appearance / Color</b>	Brown
<b>Shelf Life</b>	18 months if stored properly in original unopened, sealed and undamaged packaging.
<b>Storage Conditions</b>	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.
<b>Volatile organic compound (VOC) content</b>	32 g/L (Part A + B Combined)

## APPLICATION INFORMATION

<b>Coverage</b>	<p>Application rates vary depending on surface roughness and absorption rate of the substrate. Typical coverage rates when used on:</p> <ul style="list-style-type: none"><li>▪ Concrete is up to 2.5 squares per gallon</li><li>▪ Lightweight Concrete is up to 1.7 squares per gallon</li><li>▪ Cementitious Wood Fiber is up to 1.2 squares per gallon</li><li>▪ Gypsum is up to 1.2 squares per gallon</li><li>▪ Mineral Surface Asphalt and other Approved Sika Vapor Retarders is up to 1.7 squares per gallon</li><li>▪ Aged Smooth Asphalt is up to 1.7 squares per gallon</li><li>▪ Polyisocyanurate and Polystyrene Insulation is up to 2.5 squares per gallon</li></ul> <p>Rates are based on an application pattern of ribbons 12" (30 cm) o.c.</p>
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## APPLICATION INSTRUCTIONS

### SUBSTRATE 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

#### 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 – 1" (19 – 25 mm) wide beads at a maximum of 12" (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 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 ¾ – 1" (19 – 25 mm) wide beads at a maximum of 12" (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.

## 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 Applications for use within Sarnafil® or Sikaplan® systems.

### Warranty

As a Sika supplied accessory, Sarnacol® OM Feltback Membrane Adhesive is eligible for coverage under Sika Corporation System Warranties.

## 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.
- Unused adhesive can be applied at a later date by simply replacing the mixing tip.
- Do not allow the adhesive to skin over.

## 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.

## 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.**

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