



## PRODUCT DATA SHEET

# Sarnacol® OM Feltback Membrane Adhesive

### 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.

#### WHERE TO USE

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

##### Areas of Application

##### Sika Approved Substrates

- Concrete
- Lightweight 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

#### PRODUCT INFORMATION

<b>Composition / Manufacturing</b>	Liquid
<b>Packaging</b>	<ul style="list-style-type: none"> <li>▪ 1.5 L (0.4 US gal.) dual cartridge, 4 dual cartridges per case; 8.6 kg (19 lb) per case, 40 cases/pallet</li> <li>▪ 37.8 L (10 US gal.) box set: 18.9 L (5 US gal.), 24 kg (53 lb) of Part A and 18.9 L (5 US gal.), 20.4 kg (45 lb) of Part B, 16 box sets/pallet</li> </ul>
<b>Appearance / Colour</b>	Brown

#### CHARACTERISTICS / ADVANTAGES

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

#### APPROVALS / CERTIFICATES

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

<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 12.8 °C (55 °F) and 29.4 °C (85 °F). 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>Consumption</b>	Application rates vary depending on surface roughness and absorption rate of the substrate. Typical coverage rates when using the: <ul style="list-style-type: none"> <li>▪ 1.5 L cartridge: approximately 56 m<sup>2</sup> (600 ft<sup>2</sup>) per case</li> <li>▪ 10 US gal. box set: 93 m<sup>2</sup> to 185 m<sup>2</sup> (1,000 ft<sup>2</sup> to 2,000 ft<sup>2</sup>)</li> </ul> Rates are based on an application of 300 mm (12 in) o.c. ribbons.
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## BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

## OTHER DOCUMENTS

### Availability

Sarnacol® OM Feltback Membrane Adhesive is available directly from Sika Canada Authorized Applicators when used within a Sika® Sarnafil® Roofing or Waterproofing System. Contact Sika Canada or visit our website at [www.sika.ca](http://www.sika.ca) for further information.

### Warranty

Upon successful completion of the installed roof by the Sika Canada Authorized Applicator, Sika Canada can provide a Warranty to the Building Owner via the Authorized Applicator.

## 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 22.2 °C (72 °F) before application.
- The minimum ambient and surface temperatures should be 4.4 °C (40 °F) and rising.
- Not recommended for use with insulation boards larger than 1.2 m x 1.2 m (4 ft x 4 ft).
- 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.

## ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## 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 19 - 25 mm (¾ - 1 in) wide beads at a maximum of 300 mm (12 in) 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 of 45 kg (100 lb) 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 19 - 25 mm ( $\frac{3}{4}$  - 1 in) wide beads at a maximum of 300 mm (12 in) 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 45 kg (100 lb) steel roller must be used to roll the membrane.

## MAINTENANCE

As a prudent preventative measure, Sika Canada recommends that the Owner or that the Owner's designated representative inspect the installed roof system for damage, flashings, plugged drains, weathered sealants, etc. at least twice a year and after each storm.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## LEGAL NOTES

The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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#### **Other locations**

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

#### **Product Data Sheet**

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