



PRODUCT DATA SHEET

Sarnacol® OM Board Adhesive WG

TWO-COMPONENT FOAMABLE POLYURETHANE ADHESIVE

PRODUCT DESCRIPTION

Sarnacol® OM Board Adhesive WG (winter grade) is a two-component foamable polyurethane adhesive that is applied in one step and sets up in minutes.

WHERE TO USE

Sarnacol® OM Board Adhesive WG is used to bond insulations and cover boards to approved substrates and/or to intermediate insulation boards.

AREAS OF APPLICATION

Sika Approved Substrates

- Concrete
- Light Weight Insulated Concrete
- Cementitious Wood Fiber
- Gypsum
- Mineral Surface Asphalt
- Aged Smooth Asphalt
- Approved Sika Vapor Retarders

Sika Approved Insulations and Cover Boards

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

PRODUCT INFORMATION

Composition / Manufacturing

Liquid

Packaging

- 1.5 L (0.4 US gal.) dual cartridge: 4 dual cartridges per case, 8.6 kg (19 lb) per case, 40 cases/pallet
- 37.8 L (10 US gal.) box set: Comp. A: 8.9 L (5 US gal.) - 25 kg (55 lb) and Comp. B: 18.9 L (5 US gal.) - 20.4 kg (45 lb), 16 box sets/pallet

Appearance / Colour

Pink

CHARACTERISTICS / ADVANTAGES

- Odour-free
- Low VOC content
- Rapid application with the appropriate dispensing equipment
- Chemical cure for fast set up and drying time

APPROVALS / CERTIFICATES

- FM Global
- Underwriters Laboratories
- Miami-Dade County
- Florida Building Code

Shelf Life	18 months if stored properly in original unopened, sealed and undamaged packaging.
Storage Conditions	Store cartridges in a cool, dry location at temperatures between 13°C (55°F) and 29°C (85°F). Store box sets in a cool, dry location at temperatures between 16°C (60°F) and 27°C (80°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.
Volatile organic compound (VOC) content	50 g/L (Part A & B Combined)

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 Board Adhesive WG 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 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.

- The minimum product temperature before application should be 22 °C (72 °F).
- Insulating blankets should be used around the box set and PaceCart to keep the product near room temperature while in use and in storage.
- Applicator should consider the use of heated blankets if insulating blankets are not properly protecting and warming the product.
- Applicator should consider the use of insulation on the PaceCart hoses to prevent excessive heat loss while in use and in storage when not in use.
- Sarnacol® OM Board Adhesive WG in cartridges is formulated to be applied when the surface and ambient temperature is between -18 and 18 °C (0 and 65 °F).
- Sarnacol® OM Board Adhesive WG in box sets is formulated to be applied when the surface and ambient temperature is between -4 and 18 °C (25 and 65 °F).
- Not recommended for use with insulation boards larger than 1.2 x 1.2 m (4 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 Board Adhesive WG.

APPLICATION

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Application Methods / Tools

SpotShot Applicator – Cartridges:

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 19 - 25 mm (¾ - 1 in) wide wet 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 pink color (approximately 4 - 8 minutes) before placing the boards into the adhesive. Walk boards in, ballast if necessary to achieve proper contact with substrate. Adhesive open time varies depending on weather conditions.

PaceCart 3 Installation – Box Sets:

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 19 - 25 mm (¾ - 1 in) wide wet 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 pink color (approximately 4 - 8 minutes) before placing the boards into the adhesive. Walk boards in, ballast if necessary to achieve proper contact with substrate. Adhesive open time varies depending on weather conditions.

Coverage

Typical coverage rates when using the:

- 1.5 L cartridge: approx.: 56 m² (600 ft²) per case
- 37.8 L box set: 167 to 185 m² (1,500 to 2,000 ft²)

Note: Application rates vary depending on surface roughness and absorption rate of the substrate. Rates are based on an application pattern of 4 ribbons, 19 - 25 mm (¾ - 1 in) beads, 300 mm (12 in) o.c. per 1.2 x 1.2 m (4 x 4 ft) insulation board.

MAINTENANCE

Standard maintenance of Sarnafil or Sikaplan systems should include regular inspections of flashings, drains, and termination sealants 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

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Product Data Sheet

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