



PRODUCT DATA SHEET

SARNACOL® OM BOARD ADHESIVE WG

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.

PRODUCT INFORMATION

USES

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
- Approved Sika Base Sheets

Sika Approved Insulations and Cover Boards

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

FEATURES / BENEFITS

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

TESTS

CODES / APPROVALS

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

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PRODUCT DATA

FORM

COMPOSITION

Liquid

COLOR

Pink

VOC CONTENT

50 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) 55 lb (25 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 cartridges in a cool, dry location at temperatures between 55°F (13°C) and 85°F (29°C).

Store box sets in a cool, dry location at temperatures between 60°F (16°C) and 80°F (27°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 Board Adhesive WG.

APPLICATION METHOD / 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 Sarnacol OM Board Adhesive WG directly to the substrate using a ribbon pattern. Space ¾ in - 1 in (19 mm - 25 mm) wide wet 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 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

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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 $\frac{3}{4}$ in - 1 in (19 mm - 25 mm) wide wet 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 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

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

- 1.5 L cartridge is approximately 600 sf (56 m²) per case
- 10 gallon box set is 1,500 to 2,000 sf (167 m² to 204 m²)

Rates are based on an application pattern of 4 ribbons, $\frac{3}{4}$ in - 1 in (19 mm - 25 mm) beads, 12 in (30 cm) o.c. per 4 ft x 4 ft (1.2 m x 1.2 m) insulation board.

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.
- The minimum product temperature before application should be 72°F (22°C).
- 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 0°F (-18°C) and 65°F (18°C).
- Sarnacol OM Board Adhesive WG in box sets is formulated to be applied when the surface and ambient temperature is between 25°F (-4°C) and 65°F (18°C).
- 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.

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AVAILABILITY	From Sika Corporation – Roofing Authorized Applicators when used within Sarnafil or Sikaplan roofing and waterproofing systems.
MAINTENANCE	Standard maintenance of roofs 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 Board Adhesive WG is covered under Sika Corporation warranties.
LEGAL NOTES	<p>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 or by calling 800-451-2504.</p> <p>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’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.</p> <p>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.</p> <p>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.</p>

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