

PRODUCT DATA SHEET

SARNACOL® 2163 BOARD ADHESIVE

Sarnacol® 2163 Board Adhesive is a two-component foamable polyurethane board adhesive that is applied in one step and sets up in minutes.

PRODUCT INFORMATION

USES

Sarnacol 2163 Board Adhesive 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

FEATURES / BENEFITS

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

TESTS

CODES / APPROVALS

- FM Global
- Underwriters Laboratories
- 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 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

Off White to Light Amber

VOC CONTENT

18 g/l (Part 1 + 2 Combined)

PACKAGING

1.5 L (0.4 gal) dual cartridge, 4 dual cartridges per case; 20 lbs (9.1 kg) per case, 48 cases per pallet

STORAGE

STORAGE CONDITIONS

Store in a dry location, not in direct sunlight, or temperatures higher than 90°F (32°C). 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 2163 Board Adhesive.

APPLICATION METHOD / TOOLS

Use the handheld cartridge 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 Sarnacol 2163 Board Adhesive directly to the substrate using a ribbon pattern. Apply adhesive in ¼ in - ½ in (6 mm - 13 mm) wide wet beads. Ribbon spacing will depend on the wind uplift rating required.

As adhesive is applied, immediately place boards into wet adhesive. Walk boards in, ballast if necessary to achieve proper contact with substrate.

Unused adhesive can be applied at a later date by simply replacing the mixing tip.

COVERAGE

Application rates vary depending on surface roughness and absorption rate of the substrate. Typical coverage rate when using the 1.5 L cartridges is approximately 600 sq. ft. (56 m²) per case. Rates are based on an application pattern of 4 ribbons, ¼ in - ½ in (6 mm - 13 mm) beads, 12 in (30 cm) o.c. per 4 ft x 4 ft (1.2 m x 1.2 m) insulation board.

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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.
- Keep temperature of contents between 65°F (18°C) to 85°F (29°C) 24 hours prior to use.
- 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.
- 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 2163 Board Adhesive is covered under Sika Corporation warranties.

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 or by calling 800-451-2504.

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