

## PRODUCT DATA SHEET

# Sarnacol®-2163 Adhesive

SARNACOL 2163 ADHESIVE IS A TWO-COMPONENT FOAMABLE POLYURETHANE BOARD ADHESIVE

### PRODUCT DESCRIPTION

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

### USES

Sarnacol®-2163 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

### CHARACTERISTICS / ADVANTAGES

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

### APPROVALS / STANDARDS

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

## PRODUCT INFORMATION

<b>Chemical Base</b>	Liquid
<b>Packaging</b>	1.5 L (0.4 gal.) dual cartridge, 4 dual cartridges per case; 20 lb. (9.1 kg) per case, 48 cases per pallet
<b>Appearance / Color</b>	Off White to Light Amber
<b>Shelf Life</b>	18 months if stored properly in original unopened, sealed and undamaged packaging
<b>Storage Conditions</b>	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
<b>Volatile organic compound (VOC) content</b>	18 g/L (Part 1 + 2 Combined)

## 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®-2163 Adhesive.

### APPLICATION

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 Adhesive directly to the substrate using a ribbon pattern. Apply adhesive in ¼ – ½" (6 – 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 ft<sup>2</sup> (56 m<sup>2</sup>) per case. Rates are based on an application pattern of 4 ribbons, ¼ – ½" (6 – 13 mm) beads, 12" (30 cm) o.c. per 4 ft x 4 ft (1.2 m x 1.2 m) insulation board.

## MAINTENANCE

Standard maintenance of roofs, green roofs and plaza decks should include regular inspection 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

Upon successful completion of the installed roof by the Sika Authorized Applicator, Sika Corporation will provide a warranty to the Building Owner via the Sika 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.
- 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 ft x 4 ft (1.2 m x 1.2 m).
- All boards must lay flat upon roof surface.
- 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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