

Sarnacol 2163 Adhesive

Overview Sarnacol 2163 adhesive is a highly elastomeric, one step, VOC compliant, foamable adhesive that contains no solvents and sets in minutes. Sarnacol 2163 adhesive is used to bond approved roof insulations to a structural roof deck or other insulation boards.

Composition

- See Material Safety Data Sheet for information.
- VOC Content: 0 g/L

Features

- One step applicator that eliminates error due to poor mixing.
- Labor savings due to quick and easy application.
- No expensive application equipment required.
- Low odour due to no solvents.

Packaging/Storage Sarnacol 2163 is supplied in a case containing four sets. Each case weighs approximately 9 kg (20 lb).

For ease of application, maintain a minimum material temperature of 21°C (70°F) prior to use. Shelf life is 8 months from the date of manufacture.

Installation Prior to working with any product, be sure to read labels and Material Safety Data Sheet (MSDS). Take necessary health and safety precautions. Do not apply to a wet surface. Not recommended for use with insulation boards larger than 121.9 x 121.9 cm (4 x 4 ft). Do not use warped or curled insulation boards. All insulation boards must lay flat upon the roof surface. All work surfaces should be clean, dry, free of dirt, dust, debris, oils, loose and/or embedded gravel, un-adhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is un-even. For re-cover applications apply Sarnacol 2163/2164 Universal Primer to all substrates prior to the application of Sarnacol 2163 adhesive.

With a utility knife, cut away the plastic plugs from the Sarnacol 2163 mixing head. Attach a mixing tip to the threaded mixing head. Place the cartridge into the applicator. At the beginning of the tube, some of the material should be pumped out initially to make sure of a proper mix.

Apply Sarnacol 2163 adhesive directly to the substrate, using a ribbon pattern. Space 6 - 13 mm (1/4 - 1/2 in) wide beads, 30 cm (12 in) o.c. to achieve proper coverage rate. As adhesive is applied, place insulation board into wet adhesive. Do not allow the adhesive to skin over. Eliminate uneven surfaces to ensure positive contact between the insulation board and substrate. Un-used adhesive can be applied at a later date by simply replacing the mixing tip.

Availability Sarnacol 2163 is available directly from Sika Canada Authorized Applicators when used within a Sarnafil® Roofing or Waterproofing System. Contact Sika Canada or visit www.sika.ca for further information.



Construction

Warranty	As a Sika Canada-supplied accessory, Sarnacol 2163 is included in Sika Canada's Standard or System Warranty.	
Maintenance	Sarnacol 2163 requires no maintenance. Periodic maintenance of a Sarnafil® system ensures extended performance and reduces life cycle costs. Consistent with industry practices, Sika Canada recommends inspecting the roof system for damage, plugged drains, weathered sealants, etc. at least twice a year and after each storm.	
Technical Support	Sika Canada provides technical support. Technical staff is available to advise applicators as to the proper installation method.	
Technical Data	Approved Insulations	Isocyanurate Perlite Polystyrene Gypsum
	Approved Substrates	Structural Roof Decking: Concrete, Gypsum, Cementitious Wood Fiber (Tectum), Wood or Steel. Base sheets: Standard or Granular surfaced. Smooth Built-Up Roof Surfaces: Re-Roof Applications.
	Approximate Set-Time	Air Temperature between 15 - 32°C (60 - 90°F) 5 to 8 minutes Air Temperature between 0 - 15°C (32 - 60°F) 8 to 15 minutes
	Coverage	Approximately 600 sq. ft. per case. Rates are based on an application pattern of 4 ribbons, 6 - 13 mm (1/4 - 1/2 in) beads, 30 cm (12 in) o.c. per 121.9 x 121.9 cm (4 x 4 ft) insulation board. Coverage rates may vary over irregular surfaces.

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, within their shelf life. 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request or can be accessed in the Internet under www.sika.ca.



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