

PRODUCT DATA SHEET

Edition 08.2018/v1

Sarnacol®-2163 Board Adhesive

Overview	<p>Sarnacol®-2163 Board Adhesive is a highly elastomeric, one-step, low-VOC, foamable board adhesive that contains no solvents and sets in minutes.</p> <p>Uses Sarnacol®-2163 Board Adhesive is used to bond insulations and cover boards to approved substrates and/or to intermediate insulation boards.</p> <p>Areas of application</p> <p>Sika approved substrates</p> <ul style="list-style-type: none"> ▪ Concrete ▪ Light weight insulated concrete ▪ Cementitious wood fibre ▪ Gypsum ▪ Mineral surface asphalt ▪ Aged smooth asphalt ▪ Approved Sika vapor retarders <p>Sika approved insulations and cover boards</p> <ul style="list-style-type: none"> ▪ Polyisocyanurate insulations ▪ Polystyrene insulations ▪ High density polyisocyanurate roof boards ▪ Gypsum cover boards
Composition	<ul style="list-style-type: none"> ▪ Composition / Appearance: Liquid (Refer to Safety Data Sheet for additional information.) ▪ Colour: Off white to light amber ▪ VOC Content: 18 g/L (Part 1 + 2 Combined)
Features	<ul style="list-style-type: none"> ▪ Low VOC content ▪ Rapid application with appropriate dispensing tool ▪ Chemical cure for fast set up and dry in times
Packaging/Storage	<p>1.5 L (0.4 US gal) dual cartridge, 4 dual cartridges per case; 8.6 kg (19 lb) per case/48 cases per pallet</p> <p>Conservation: 18 months if stored properly in original unopened, sealed and undamaged packaging. Store in a dry location, not in direct sunlight, or temperatures higher than 32 °C (90 °F). Keep containers closed. Contamination by moisture or basic compounds can cause dangerous pressure build-up in a closed container. For ease of application, maintain a minimum material temperature of 21 °C (70 °F) prior to use.</p>
Standards / Approvals	<ul style="list-style-type: none"> ▪ FM Global ▪ Underwriters Laboratories ▪ Miami-Dade County ▪ Florida Building Code ▪ CAN/CSA-A123.21

Installation	<p>Surface Preparation All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants or particulates. All concrete surfaces must be fully cured prior to applying Sarnacol®-2163 Board Adhesive.</p> <p>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.</p> <p>Apply Sarnacol®-2163 Board Adhesive directly to the substrate using a ribbon pattern. Apply adhesive in 6 - 13 mm (¼ in - ½ in) 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 positive contact with substrate.</p> <p>Unused adhesive can be applied at a later date by simply replacing the mixing tip</p> <p>Coverage Typical coverage rate when using the 1.5 L cartridges is approximately 600 ft² (56 m²) per case. Rates are based on an application pattern of 4 ribbons, 6 - 13 mm (¼ in - ½ in) beads, 300 mm (12 in) o.c. per 1.2 x 1.2 m (4 x 4 ft) insulation board.</p> <p><i>Note: Application rates vary depending on surface roughness and absorption rate of the substrate.</i></p>
Availability	Sarnacol®-2163 Board Adhesive 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.
Maintenance	Sarnacol®-2163 Board Adhesive requires no maintenance. As a prudent preventative measure, Sika Canada recommends that the Owner or that the Owner's designated representative inspect the installed 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.
Limitations	<ul style="list-style-type: none"> ▪ Precautions should be taken to prevent odors and/or vapors from entering the building or the 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 18 and 29 °C (65 and 85 °F) 24 hours prior to use. • 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. • Do not allow the adhesive to skin over
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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FOR INDUSTRIAL USE ONLY

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 shelflife. 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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