

Product Specification

946 Contact Bond Adhesive

1. PROPRIETARY PRODUCT/MANUFACTURER

- 1.1. **Proprietary Product:** #946 Neoprene Contact Adhesive specifically formulated for installing Johnsonite Wall Base, Transitions, Chair Rail, Stair Treads, Stair Nosings, Corner Guards, and Floor Keeper.

1.2. Manufacturer:

Johnsonite, Inc.,	Phone:	(800) 899-8916
16910 Munn Road		(440) 543-8916
Chagrin Falls, Ohio 44023	Tech:	Ext 9297
Web: www.johnsonite.com	Samples:	Ext 9299
E-mail: info@johnsonite.com	Fax:	(440) 632-8920

1.3. Proprietary Product Description

- Johnsonite #946 Contact Bond Adhesive is a nonflammable, solvent free, neoprene water based adhesive.
- Is high strength adhesive made for installations over porous and non-porous substrates.
- Contains no hazardous or carcinogenic ingredients as defined by OSHA chemicals and meets all federal, state and local air quality regulations.
- Contributes to LEED Certification (E.Q. 4.1: Low-Emitting Materials: Adhesives and Sealants).
SCAQMD Rule 1168 – VOC compliant

2. PRODUCT PERFORMANCE and TECHNICAL DATA:

- Base – Neoprene Water based
- Color – Off-white paste
- Open Time – Up to 2 hours, depending on temperature, relative humidity, thickness of adhesive layer, and porosity of substrate.
- Shelf Life – 1 year at 70° F (21° C) to 85° F (30° C) and when stored in unopened, original container in a dry area.

2.1. Application:

Porous Floor and Non-Porous
coarse foam roller or a brush.

Coverage 105-150 sq. ft. per gallon (coverage based on both surfaces).

3. INSTALLATION

3.1. General Installation Requirements:

- The installation of Johnsonite Homogenous flooring should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive flooring shall be clean, fully enclosed, weathertight, and maintained at a temperature between 70°F to 85°F (18°C to 29°C) for 72 hours before, during, and after the installation is completed. The flooring material and adhesives shall be conditioned in the same manner. A minimum temperature of 55°F (13°C) must be maintained after installation.
- Surfaces and substrates shall be smooth, flat, permanently

dry, clean and free of all foreign material such as dust, paint, grease, oils, solvents, curing and hardening compounds, sealers, asphalt, and old adhesive residue.

- It is essential that moisture tests be taken on all concrete floors regardless of age and grade level. One test should be conducted for every 1,000 sq. ft. of flooring and the results not exceed 5 lbs. per 1,000 sq. ft. in 24 hours when tested in accordance with ASTM F 1869 Standard Test method for Measuring Vapor Emission Rate of Concrete Subfloor using Anhydrous Calcium Chloride. Or 80% when tested in accordance with ASTM F 2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using *in situ* Probes. Surface pH of the concrete should range between 7 and 9. If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected

- Do not install on exterior surfaces subject to weather.
- Brush or roll a uniform film of adhesive onto both surfaces. Achieve total coverage of adhesive to both surfaces. Product is ready for installation when the adhesive is still tacky to the touch, but does not transfer to the finger.

Note: This is a water-based adhesive. Drying time can be dramatically reduced by increasing temperature and air movement with the use of a hair dryer or heat gun.

- Allow product to cool to room temperature, if heat is applied, prior to installation. Apply sufficient pressure to assure full contact over the entire area being bonded. Once positioned, the product will be extremely difficult to move.
- A firm bond develops almost immediately on contact and increases to full strength within 2 days.

- 3.2. **Installation Manual:** Refer to Johnsonite's Installation Instruction for complete installation details

4. AVAILABILITY and COST

Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

Limited 1 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

6. MAINTENANCE and CLEAN UP

- Use a clean with cloth dampened water to remove wet adhesive from floor covering and tools
- Dried adhesive may require the use of denatured alcohol applied to a clean white cloth. (Follow manufacturer's precautions when using denatured alcohol.)

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6.1. Traffic:

- Restrict traffic for 2 hours after installation.
- No heavy traffic, rolling loads or furniture placement for 48 hours after installation.
- Wait 48 hours after installation before performing initial cleaning
- A regular maintenance program must be started after the initial cleaning.

7. TECHNICAL SERVICES

For current Installation and Maintenance Instructions, Product Specifications, Material Safety Data Sheet and other technical data, visit us on the web at www.johnsonite.com or contact Johnsonite at (800) 899-8916.