

955 LINOLEUM TILE ADHESIVE

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. **Proprietary Product:** #955 Water Based Linoleum Tile Adhesive specifically formulated for the installation of Johnsonite Linoleum Floor Tiles.

1.2. Manufacturer:

Johnsonite, Inc.,	Phone: (800) 899-8916
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1.3. Proprietary Product Description

- Johnsonite #955 Linoleum Tile Adhesive is a nonflammable, solvent free, water based latex adhesive.
- Is a 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
 - SCAQMD Rule 443.1 –
 - Less than 1 gram VOC per liter of materials
 - Less than 1 gram VOC per liter of coating

2. PRODUCT PERFORMANCE and TECHNICAL DATA:

- Base – Water Base Adhesive
- Color – Tan Paste
- Open Time – Approximately 15 minutes to 1 hour, depending on temperature, relative humidity, and porosity of subfloor.
- 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.
- Freeze thaw up to 5 cycles at 20° F (-7° C)

2.1. Application:

- 2.1.1. For the installation of Johnsonite Linoleum Floor Tiles,
- Porous Floor** 1/16" x 1/16" x 1/16" 'Square' notch trowel
Coverage – 125 – 150 sq. ft. per gallon.
 - Non-Porous Floor** 1/16" x 1/16" x 1/16" 'V' trowel
Coverage – 150 – 175 sq. ft. per gallon.

3. INSTALLATION

3.1. General Installation Requirements:

- The installation of Johnsonite 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.

- Floors and stairs 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.

- **Important: This adhesive is substrate porosity sensitive. Determine if the substrate is porous or non-porous prior to application of adhesive and installation of flooring products and follow the appropriate instructions.**

- Stir adhesive before use.

3.1.1. Installation Over Porous Surfaces:

- Spread adhesive using recommended trowel (see 2.1 for trowel size) onto the substrate surface only and wait approximately 5 to 10 minutes to allow the adhesive to flash off.
- Approximately 45 minutes after product installation, roll floor tiles with 100 lb. three-sectional roller. Use a hand roller for areas that can not be reached with a large roller.

3.1.2. Installation Over Non-Porous Surfaces:

- Spread adhesive using recommended trowel (see 2.1 for trowel size) onto the substrate surface only and allow the adhesive to sit until there is little transfer of adhesive to the finger. In this situation 955 has an open time of approximately 60 minutes.
- Do not allow adhesive to set dry to the touch. It is important to set tile into adhesive while it is wet enough to achieve a wet transfer. Immediately roll the floor in both directions with a 100 pound three-section roller. Use a hand roller for areas that can not be reached with a large roller

- 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

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

6. ADHESIVE CLEAN UP and MAINTENANCE

- Use a clean white cloth dampened with 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.)

6.1. Traffic:

- Restrict traffic for 24 hours after installation.
- No heavy traffic, rolling loads or furniture placement for 72 hours after installation.
- Wait 72 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.