

Product Specification

926 Vinyl Flooring Adhesive**1. PROPRIETARY PRODUCT/MANUFACTURER**

1.1. **Proprietary Product:** #926 Vinyl Flooring Adhesive is specifically formulated for installing Johnsonite Homogenous Vinyl Tile. #926 is water-resistant, solvent-free, water-based latex, hard set adhesive perfect for hospital rooms where excessive movement of beds can be a problem.

1.2. Manufacturer:

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

- Johnsonite #926 Vinyl Flooring Adhesive is a nonflammable, solvent free, acrylic-polymer 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).
 - CRI Green Label Plus Certified
 - SCAQMD Rule 1168 – VOC compliant
 - SCAQMD Rule 443.1 –
 - Less than 8 gram VOC per liter of materials
 - Less than 12.8 gram VOC per liter of coating

2. PRODUCT PERFORMANCE and TECHNICAL DATA:

- Base – Acrylic Polymer
- Color –Off-White Paste
- Open Time – Up to 2 hours, depending on temperature, relative humidity, and porosity of subfloor.
- Shelf Life – 1 year at 65° F (14° 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

2.1. Application:

Porous Floor 1/16" x 1/16" x 1/16" 'V' notch trowel
Coverage – 150 – 175 sq. ft. per gallon.

Non-Porous Floor 1/32" x 1/16" x 1/32" 'U' trowel
Coverage – 250 – 300 sq. ft. per gallon.

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 65° to 75° (18°C to

24°C) for 72 hours before, during, and after the installation is completed with HVAC system operating. 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 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.
- Determining substrate porosity: Place a few drops of water on the surface. If the water is absorbed into the substrate within a few seconds, the surface is porous: if it beads up, the surface is non-porous.
- **Installation Over Porous Surfaces:** When installing Floor Tiles use a 1/16" V notch trowel (Approximate coverage 145 sq.ft/gallon)
- Trowel the adhesive onto the substrate surface only and allow the adhesive to dry or gas-off for 5-10 minutes prior to installing the flooring product into the wet adhesive layer. Approximately 45-60 minutes after product installation, roll rubber tiles or rubber sheet flooring with a 75-100 lb sectional roller.
- **Installation Over Non-Porous Surfaces:** When installing floor tiles use 1/32" x 1/16" x 1/32" 'U' trowel (Approximate coverage 250 – 300 sq. ft. per gallon).
- Achieve total coverage of adhesive to the back of the floor covering material.
- Roll the floor covering with a 100 lb. three-section roller first across the width of the material then the length to break down adhesive ridges and expel any entrapped air while the

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adhesive is still wet. Use hand roller in area not reached by 100 lb. floor 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

Limited 5 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.