

# Product Specification

# 925 Resilient Adhesive

#### PROPRIETARY PRODUCT/MANUFACTURER

1.1. Proprietary Product: #925 Acrylic Adhesive specifically formulated for installing Johnsonite's Acczent, Aria, Granit Acoustiflor, I.D. Premier Tiles and Planks, Melodia, Optima, Safe-T Sheet, Amerisport, Training, and Subfloor Leveler System. Also for installing Granit SD Rolls and Toro SC Rolls when used in conjunction with Johnsonite #906 conductive adhesive. #925 is a hard set adhesive perfect for hospital rooms where excessive movement of beds can be a problem.

### 1.2. Manufacturer:

 Johnsonite, Inc.,
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 (440) 543-8916

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 Tech:
 Ext 9297

 Web: www.johnsonite.com
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 (440) 632-8920

### 1.3. Proprietary Product Description

- Johnsonite #925 Resilient 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 1 gram VOC per liter of materials Less than 1 gram VOC per liter of coating

### 2. PRODUCT PERFORMANCE and TECHNICAL DATA:

- Base Acrylic Polymer
- Color –Tan 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 0°F (-17.8°C)

## 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.

 Application for Amerisport and Training: Porous Floor and Non-Porous Floor: 1/16" x 1/16" x 1/16" 'Square' notch trowel Coverage – 125 – 150 sq. ft. per gallon.

#### INSTALLATION

## 3.1. General Installation Requirements:

Johnsonite flooring and adhesives must be site conditioned at room temperature for 48 hours prior to, during, and after installation. Room temperature must be maintained between 65° and 85°F (18° and 30°C) with HVAC system operating. A minimum temperature of 55°F (13°C) must be maintained afterwards. The ambient relative humidity should be between 40% and 60%.

All concrete subfloors must be tested for moisture and pH (alkalinity). Moisture testing must be conducted in accordance with ASTM F 2170 "Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using *in situ* Probes" or ASTM F 1869 "Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.

Results must not exceed 80% when testing to ASTM F 2170 or exceed 5 lbs. per 1,000 sq. ft. in 24 hours when testing to ASTM F 1869.

If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected.

A pH test for alkalinity must be conducted. Results should range between 7 and 9. If the test results are not within the acceptable range of 7 to 9, the installation must not proceed until the problem has been corrected.

- Do not install on exterior surfaces subject to weather.
- Stir adhesive before use.
- Spread adhesive using the recommended trowel (see 2.1 for trowel size). When installing over a porous substrate the flooring can be laid into wet or dry adhesive. For a wet lay installation spread the adhesive, wait approximately 10 minutes to allow for the adhesive to flash off. Laying in wet will allow for movement of the flooring until adhesive has set. When installing tile or vinyl plank it is recommended to let the adhesive dry to the touch before installing tile or vinyl plank. When installing over a non-porous substrate the adhesive must be allowed to dry completely (dry to the touch) before laying flooring. The dry time will depend on the temperature and humidity of the environment.
- 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 adhesive is still wet. Use hand roller in area not reached by 100 lb. floor roller.



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#### 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.