905 Releasable Adhesive

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. Proprietary Product: #905 Releasable Adhesive specifically formulated for installing Inertia, Rubber Floor Tile, Triumph, and Space over accessible panel flooring.

1.2. Manufacturer:

Johnsonite, Inc.,	Phone:	(800) 899-8916
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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 #905 Releasable Adhesive is a nonflammable, solvent free, acrylic-based adhesive developed for the temporary or accessible installation
- Produces a high-strength, water resistant bond immediately upon contact.
- Contains no hazardous or carcinogenic ingredients as defined by OSHA, Federal, or State agencies.
- The product is not photochemically sensitive as defined by California rules 102 and 443.
- 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 –
    VOC per liter of materials – Less than 1 gram
    VOC per liter of coating – Less than 1 gram

2. PRODUCT PERFORMANCE and TECHNICAL DATA:

- Base - Acrylic
- Color - White gel
- Consistency - Medium paste
- Open Time - Approximately 24 hours depending on temperature, thickness of adhesive layer, humidity, and substrate porosity.
- Shelf Life - 1 year at 70° F in unopened container.
- Application - 1/32" x 1/16" x 1/32" fine notch trowel.
- Coverage per gallon - Approximately 225 - 250 sq. ft.
- Freeze thaw up to 5 cycles at 20°F (6.7°C)

2.1. Application:

Porous and Non-Porous Floor 1/32" x 1/16" x 1/32" 'U' notch 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 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 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 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.
- Stir adhesive before use.
- Spread adhesive using recommended trowel (see 2.1 for trowel size) in a uniform layer onto the substrate or access panel surface. The adhesive is ready for installation when the adhesive is still tacky to the touch, but does not transfer to the finger or when the adhesive changes color from "white to clear." Note: This is a water-based adhesive. Drying time can be dramatically reduced by increasing air circulation. Apply sufficient pressure to assure full contact over the entire area being bonded. A firm bond develops immediately on contact. Roll entire surface after installation with a 100 lb. 3 section roller to ensure proper adhesive bond. Use a hand roller in areas not reached by the 100 lb. roller.

3.2. To gain entry to Access Panels: Lift the flooring material out of the adhesive layer. Care should be taken to keep the exposed adhesive layer from being contaminated which will compromise proper re-bonding of the flooring materials. To re-apply the flooring materials, carefully reposition the flooring materials onto the access panel and press firmly into place. Reapplication of adhesive with a 1/32" x 1/16" x 1/32" 'U' notch trowel may be necessary.

3.3. Installation Manual: Adhesive container label also provides complete installation details for this adhesive.

4. AVAILABILITY and COST

Available through authorized Johnsonite distributors nationwide.

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5. WARRANTY

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, and other technical data, visit us on the web at www.johnsonite.com or contact Johnsonite at 1-800-899-8916.