906 CONDUCTIVE ADHESIVE

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. Proprietary Product: #906 Conductive Acrylic-polymer Adhesive specifically formulated for Johnsonite Granit SD and Toro SC as a full spread adhesive for Rolls and Tiles. Also for installing Granit SD Rolls and Toro SC Rolls when installed in conjunction with Johnsonite #925 resilient floor adhesive.

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 #906 Conductive Adhesive is a nonflammable, solvent free, acrylic-polymer adhesive.
- Is high strength adhesive made for installations over porous and non-porous substrates.
- 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 –
  56 gram VOC per liter of materials

2. PRODUCT PERFORMANCE and TECHNICAL DATA:

- Base – Acrylic Laytex Emulsion
- Color – Black Paste
- Open Time – 15 to 20 minutes, depending on temperature, relative humidity, and porosity of subfloor.
- Shelf Life – 6 months at 65° F (14° C) to 85° F (30° C) and when stored in unopened, original container in a dry area.
- Do not freeze.

2.1. Application:

Porous Floor only
1/16" x 1/16" x 1/16" 'Square" notch trowel
Coverage – 125 – 150 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.
- The adhesive film forms the electrical pathway under the flooring material. It is extremely important to ensure a full transfer of adhesive to the material back for proper conductivity. Incomplete transfer will result in improper electrical performance.
- SPECIAL NOTE: When being used with Johnsonite #925 Resilient Floor Adhesive or Johnsonite #975 Two-Part Urethane follow product installation instructions.
- Spread adhesive using the recommended trowel (See 2.1 for trowel size) in a thin, uniform and even coat. Allow the adhesive to set for a few moments. Then apply the floor covering material onto the adhesive film. Flooring material must be placed into wet adhesive.
- Achieve total coverage of adhesive to the back of the floor covering material.
- Roll installed sheet or tile with a 100 lb. three-section roller first across the width of the material then the length to ensure proper bond and 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.
- Avoid working on newly installed flooring whenever possible.
- Grounding Procedure: As a rule of thumb for grounding occur for every 500 sq ft of flooring. Embed the copper strips into the wet adhesive with a tail extending up the wall to a known ground. Trowel additional adhesive over the copper strip on the floor. The strip extending up the wall is connected to a known ground by a licensed electrician. When two or more sheets are being installed – a copper strip is required to be laid transversally beneath the sheets about 20 m from each end.

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 flooring 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.