Johnsonite®
A Tarkett Company

Product Specification

100 CLEAR THIN SPREAD ADHESIVE

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. **Proprietary Product**: Johnsonite 100 Clear Thin Spread 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

1.2.1. **Construction:** Johnsonite 100 Adhesive is a nonflammable, solvent free, plasticizer migration resistant, adhesive developed for installing Johnsonite's VCT floorings. It has excellent grab, is moisture and alkali resistant, low odor, and zero T.V.O.C. To be use on Concrete (all grades), terrazzo, ceramic, marble, polymeric poured floors, and suspended plywood subfloors.

1.2.2. **Physical Characteristics:**

- Base – Acrylic
- Color – Cream
- Application Square (Permanent Installation) and I.D. Moduline: 1/32"x1/16"x1/32" trowel
  - Coverage – 350 sq. ft. per gallon.
- Application Square (Semi-Permanent Installation): use a flat trowel to apply a thin film of adhesive to subfloor.
- Open Time – Up to 8 hours.
- Drying Time – Approximately 15 minutes to 1 hour 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.

2. INSTALLATION

2.1. **General Installation Requirements:**

- The installation of Johnsonite flooring material 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 uniform temperature of at least 70° F 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 must be maintained afterwards.
- 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.
- Moisture tests be taken on all concrete floors regardless of age and grade level; test results should not exceed 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 9. If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected

2.2. **Application:**

- Stir adhesive before use.
- Apply adhesive with the specified notched trowel in a thin, uniform and even coat. Allow the adhesive to dry until it loses its milky appearance and does not transfer to finger when touched. When dry adhesive is extremely tacky. Lay tile into dried file, positioning carefully. (Once installed it will be difficult to slide tile).
- Roll installed tile 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. Do not install on exterior surfaces subject weather.

2.3. **Installation Manual**: Refer to Johnsonite's Installation Instruction for complete installation details

3. AVAILABILITY AND COST

3.1. Available through authorized Johnsonite distributors nationwide.

4. WARRANTY

4.1. Limited 5 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

5. MAINTENANCE and CLEAN UP

5.1. Use water to remove wet adhesive from floor covering and tools. Dried spots of adhesive should be removed with a fine nylon pad dipped in Johnsonite Neutral Floor Cleaner and water – do not use solvents.

5.2. Traffic may be allowed 48 hours after installation.

5.3. Allow at least 5 days for adhesive to achieve full bond before commencing recommended maintenance routine.

6. 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.