

### 400 ACRYLIC HARD SET ADHESIVE

#### 1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. **Proprietary Product:** #400 Acrylic Latex Emulsion Adhesive.

1.2. **Manufacturer:**

Johnsonite, Inc.,  
16910 Munn Road  
Chagrin Falls, Ohio 44023  
Phone: (866) 688-2753  
(440) 543-8916  
Tech: Ext 850  
Samples: Ext 299  
Fax: (440) 543-8920  
Web: www.johnsonite.com  
E-mail: info@johnsonite.com

1.3. **Proprietary Product Description**

1.3.1. **Construction:** Johnsonite #400 Acrylic Hard Set Adhesive is a nonflammable, solvent free, acrylic-based adhesive developed for installing Johnsonite's Homogeneous Tile when not heat welded. It has excellent grab, is extremely hard setting, moisture and alkali resistant, low odor, and zero T.V.O.C. To be use on Concrete (all grades), and suspended plywood subfloors.

1.3.2. **Physical Characteristics:**

- Base – Acrylic
- Color – Off-white\cream
- Application 1/16" x 1/16" x 1/16" trowel  
– Coverage – 125 sq. ft. per gallon.
- Open Time – Maximum of 20 minutes, depending on temperature, relative humidity, and porosity of subfloor.
- Drying Time – Approximately 24 hours.
- 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.
- Do not install on exterior surfaces subject weather.

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 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 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.

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](http://www.johnsonite.com) or contact Johnsonite at (800) 899-8916.