

Power Tape™ Adhesive System

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. **Proprietary Product:** Power Tape™ Adhesive System specially formulated for installing Johnsonite Rubber and Vinyl Stair Treads, and Wheeled Traffic Transitional Mouldings where environmental and health concerns require an adhesive system with environmentally sensitive characteristics.

1.2. **Manufacturer:** Johnsonite, Inc.,
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1.3. Proprietary Product Description:

- Johnsonite Power Tape is a high-strength, specially formulated, scrim reinforced adhesive tape system.
- Specifically formulated for installation of Johnsonite Rubber and Vinyl Stair Treads, and Wheeled Traffic Transitional Mouldings on porous or non-porous surfaces.
- Johnsonite Power Tape is recommended over suspended wood floors, dry concrete floors or staircases above, on, or below grade where moisture is not a problem.
- Follow all manufacturers' recommendations and industry standards regarding subfloor preparation.

2. Physical Characteristics:

- Base – Modified polyacrylate traction glue/dispersion glue
- Color – Transparent
- Thickness - .009" (0.23 mm)
- Shelf Life - 1 year at 70° F. in unopened carton
- Fire Resistance: ASTM E 84/NFPA 255 (Steiner Tunnel Test) - Class A.

2.1. Power Tape Adhesive System Kits

- **Tread Installation Kit:** One roll of 1-1/2" (3.81cm) wide tape for the nose portion of the stair tread, one roll of 9-1/2" (24.13cm) wide tape for the tread plate portion of the stair tread, one set of installation instructions, tape length = 164 feet (50m) long, total kit package weight = 16 lbs. (7.3kg)
- **Wheeled Traffic Transitional Mouldings Kit:** Eight rolls of 1-1/2" (3.81cm) wide tape, five sets of installation instructions, tape length = 164 feet (50m) long, and the total kit package weight = 18 lbs. (8.2kg)
- **Transitional Mouldings Kit:** Twelve rolls of 1" (2.54cm) wide tape, Tape Length = 164 feet (50m) long, Total Kit Package Weight = 12 lbs (5.4kg)

3. INSTALLATION

- Johnsonite flooring and adhesives must be site conditioned at room temperature for a minimum of 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 floors must be smooth, flat, permanently dry, clean and free of all foreign material such as dust, paint, grease, oils, and solvents, curing and hardening compounds, sealers, asphalt, and old adhesive residue.
- Concrete shall be prepared utilizing ASTM F 710-86, Practice for Preparing Concrete Floors and other Monolithic Floors to Receive Resilient Flooring.
- 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.
- Do not install flooring products over expansion joints. Cracks and uneven surfaces shall be filled with a quality Portland cement based underlayment patching compound.

4. AVAILABILITY AND COST

For availability and cost contact authorized Johnsonite distributors nationwide.

5. LIMITED 1 YEAR WARRANTY

For complete details, contact Johnsonite or an authorized Johnsonite distributor.

6. MAINTENANCE

Not applicable

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 (800)-899-8916.