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)
- Open Time – None
- Shelf Life - 1 year at 70^0 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

- The installation of the Johnsonite Power Tape Adhesive System and the flooring products should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive flooring products shall be clean, fully enclosed, weathertight, and maintained at a temperature between 70°F to 85°F (18°C to 29°^{O}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.
- All floors must 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.
- 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
- Wood floors should be double construction with a minimum thickness of 1 inch. Material selection shall be made utilizing ASTM F 1482, Standard Guide to Wood Underlayments Available for Use Under Resilient Floors. "Particle or chipboard" type underlayments are not acceptable. The floor must be rigid, free of movement, and have at least 18" of well ventilated air space below.
- 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.
- Apply the Power Tape to the back of the flooring product and install as indicated in the specific Power Tape installation instructions for the product.
- All flooring products shall be rolled, with a J-hand roller, after installation, to ensure proper bonding.

3.1. Installation Manual: Refer to the Johnsonite Power Tape Installation Instructions in the cartons of product for complete installation details. Note: Installation instructions are not provided for the Transitional Mouldings.

4. AVAILABILITY AND COST

Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

Limited 1 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

6. MAINTENANCE

Not applicable

7. TECHNICAL SERVICES

Samples: Submittal samples for verification and approval available upon request from Johnsonite. Samples shall be submitted in compliance with the requirements of the Contract Documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

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.