

Tactile Warning Strips

1. PROPRIETARY PRODUCT/MANUFACTURER

1.0 Proprietary Product: Resilient Tactile Warning Strips A.D.A. and ANSI A117.1 - 1986 Compliant

2.0 Manufacturer:

Johnsonite, Inc.,
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3.0 Proprietary Product Description

1.0.0 Construction: Johnsonite Tactile Warning Strips are manufactured from a homogeneous composition of polyvinyl chloride (PVC), high quality additives, and colorants to meet the performance and design requirements of American National Standards Institute (ANSI) A117.1 - 1986, Accessible Warnings on Walking Surfaces to identify open stairwells, platforms, and other hazardous areas. Standard formulation exceeds ASTM E 648 Class 1 Flammability requirements. Johnsonite Tactile Warning Strips are designed for interior applications only and not recommended for commercial kitchen environments.

2.0.0 Styles:

VITW - Visually-Impaired Tactile Warning Strips

3/4" (19 mm) wide alternating 1/8" (3.17 mm) elevations and 1/16" (1.57 mm) depressions across a 12" (30.48 cm) width. Co-extruded contrasting color alternating across the profile surface. [Note: Specify **(TW)** for solid color profile.]

3.0.0 Physical Characteristics:

Packaging - 50 feet (15.24 m) per carton. [37 lbs. (16.8 kg) per carton]

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

1.0 Hardness - ASTM D 2240 - Not less than 85 Shore A

2.0 Abrasion Resistance - ASTM D 3389 - 0.22 mg/cycle

3.0 Slip Resistance - ASTM D 2047 - Exceeds Federal Standards and ADA recommendations of .6 for flat surfaces

4.0 Fire Resistance:

5.0 ASTM E 648/NFPA 253 (Critical Radiant Flux) - Class 1

3. INSTALLATION

1.1 The installation of Johnsonite Tactile Warnings Strips should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive tactile warning strips shall be clean, fully enclosed, weathertight, and maintained at a uniform temperature of at least 65° F for 24 hours before, during, and after the installation is completed. The tactile warning strips and adhesives shall be conditioned in the same manner. Surfaces 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. Tactile Warning Strips may be installed on any smooth, dry interior surface. Do not install on exterior surfaces subject to weather. ANSI 117.1-1986 requires tactile warning strips to be installed across the entire width and for a depth of 3 feet (.91 m) to identify an open stairwell, platform, or any other hazardous area. After adhesive application and installation, the tactile warning strips shall be rolled with a 100 lb. 3-section roller to ensure proper bonding.

2.0 Adhesives:

1.0.0 Johnsonite #965 Flooring & Tread Adhesive (water-resistant)

Porous Substrates: 1/16" square-notched trowel (Approximately 125 sq ft /gal)

Non-Porous Substrates: 1/16" V-notched trowel (Approximately 145 sq ft /gal)

Important: This adhesive is substrate porosity sensitive. Determine if the substrate is porous or non-porous prior to application of the adhesive and installation of the flooring products and follow the appropriate instructions.

2.0.0 Johnsonite #996 Two-Part Epoxy Adhesive (water-proof applications)

Application: 1/16" square notched trowel

(Approximately 150 sq. ft/gal)

3.0.0 Johnsonite #975 Two-Part Urethane Adhesive (water-proof applications)

Application: 1/16" square notched trowel

(Approximately 150 sq. ft/gal)

Installation Manual: Refer to Johnsonite Tactile Warning Strip Installation and Maintenance Instructions for complete installation details.

4. AVAILABILITY AND COST

1.0 Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

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

6. MAINTENANCE

1.0 Refer to Johnsonite Tactile Warning Strip Installation and Maintenance Instructions for complete maintenance details.

7. TECHNICAL SERVICES

1.0 **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.

2.0 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 1-800-899-8916.