

Safety Stride® Solid Vinyl Floor Tile

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1 Proprietary Product: Resilient Solid Vinyl Floor Tiles A.D.A.
Compliant United States Patent #D377398

1.2 Manufacturer:

Johnsonite, Inc.,
16910 Munn Road
Chagrin Falls, Ohio 44023
Phone: (800) 899-8916
(440) 543-8916
Fax: (440) 543-8920
Tech: Ext 297
Samples: Ext 299
Web: www.johnsonite.com
E-mail: info@johnsonite.com

1.3 Proprietary Product Description

1.3.1 Construction: Johnsonite Safety Stride Vinyl Floor Tiles are manufactured from a homogeneous composition of polyvinyl chloride (PVC), high quality additives, and colorants to meet the performance and dimensional requirements of ASTM F 1700, Class I, Type B Standard Specification for Solid Vinyl Floor Tile and conform to the design requirements of U.S. Patent #D377398.

Johnsonite Vinyl Floor Tiles are designed for interior installations.

1.3.2 Styles:

SS - Safety Stride Solid Vinyl Floor Tile

.171" (4.34 mm) overall thickness, .080" (2.03 mm) pattern depth
(Patented "duct and pyramid" surface design)

1.3.3 Physical Characteristics:

Tile Size and Packaging:

12" x 12" (30.5 cm x 30.5 cm)

40 tiles per carton (40 sq ft)

0.95 lbs (.43 kgs.) per tile, 39 lbs. (18 kgs.) per carton

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1 Hardness: ASTM D 2240 - Not less than 85 Shore A

2.2 Abrasion Resistance: ASTM D 3389, < 1 gram weight loss

2.3 Slip Resistance: ASTM D 2047, Exceeds Federal Standards and A.D.A. recommendations for slip resistant.

2.4 Static Load Limit: ASTM F 970: .006" (.15 mm) @ 125 lbs
.009" (.23 mm) @ 250 lbs

2.5 Indentation Resistance: ASTM F 1914 - Residual of 1.3%

2.6 Fire Resistance:

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

2.6.2 ASTM E 662/NFPA 258 (Smoke Density), < 450

2.6.3 ASTM E 84/NFPA 255 (Steiner Tunnel Test) - Class B

2.7 Chemical Resistance: ASTM F 925, Passed -

5% Acetic Acid, 70% Isopropyl Alcohol, Mineral Oil, 5% Sodium Hydroxide, 5% Hydrochloric Acid, 5% Ammonia, Bleach, 5% Phenol, Gasoline, 212°F Hot Water, 350°F Deep Frying Oil.

3. INSTALLATION

The installation of Johnsonite Safety Stride Solid Vinyl Floor Tiles 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 65°F for 72 hours before, during, and after the installation is completed. The flooring materials and adhesives shall be conditioned in the same manner. 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 or 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. Concrete shall be prepared utilizing ASTM F 710-86, Practice for Preparing Concrete Floors and Other Monolithic Floors to Receive Resilient Flooring. 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. Floor covering shall not be installed over expansion joints. It is essential that moisture tests be taken on all concrete floors regardless of age and grade level. The test shall be in accordance with ASTM F-1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride. One test should be conducted for every 1000 sq. ft. of flooring and the results not exceed 3 lbs. per 1000 sq. ft. in 24 hours. If the test results exceed the limitations, the installation must not proceed until the problem has been corrected. The flooring shall be dry laid and inspected by the installer, under normal, occupied lighting conditions, to ensure proper color and fit prior to final adhesive installation.

Caution: In food service areas, do not place hot oven, grill racks, or hot pans exceeding 300°F on the product service. These items can cause irreparable damage to the product surface.

3.1 Adhesives:

3.1.1 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.)

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

Application: 1/16" square notched trowel
(Approximately 150 sq ft /gal)

3.1.3 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 Safety Stride Solid Vinyl Floor Tile Installation and Maintenance Instructions for complete installation details.

4. AVAILABILITY AND COST

4.1 Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

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

6. MAINTENANCE

6.1 Refer to Johnsonite Safety Stride Transitional Moulding Installation Instructions for complete maintenance details.

7. TECHNICAL SERVICES

7.1 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.

7.2 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.