

JOHNSONITE TACTILE WALKING SURFACE INDICATORS (TWSI)

Solid Color Rubber Floor Tiles

Product Specification

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. Proprietary Product: Tactile Walking Surface Tile Resilient

1.2. Manufacturer:

Tarkett Phone: (800) 899-8916
30000 Aurora Rd. (440) 543-8916
Solon, Ohio 44139
Web: www.tarkettna.com
E-mail: info@johnsonite.com

1.3. Proprietary Product Description:

- 1.3.1. **Construction:** Johnsonite Solid Color Rubber Tiles are manufactured from a homogeneous composition of 100% synthetic rubber, high quality additives, and colorants to meet the performance requirements of ASTM F 1344, Class 1-A and 1-B Standard Specification for Rubber Floor Tile. Tactile Walking Surface Tiles meet the Canadian Standards Association (CSA) B651-12, current ISO/FDIS 23599 Assistive Products for The Blind and Vision-Impaired Persons – Tactile Walking Surface Indicators, Division A of Ontario Regulation 332/12, and Accessibility for Ontarians with Disabilities Act (AODA).

Johnsonite Rubber Floor Tiles are designed for interior applications only and not recommended for environments where the product will be exposed to animal fats, vegetable oils, or petroleum based materials (e.g.: commercial kitchens). Johnsonite rubber floor tiles require the use of chair pads or chairs with casters designed for resilient flooring in work stations or similar environments. Johnsonite rubber floor tiles are not warranted against cuts or lack of protection under caster wheels designed for carpeting or other types of flooring.

1.3.2. Styles:

- **Tactile Warning Tile (Attention Tile) Rubber Tiles (TW1):** 4.0 mm dome height with 3.2 mm base thickness; 7.2 mm overall thickness.
- **Tactile Guide Tile (Guide Tile) Rubber Tiles (TG1):** 4.0 mm bar height with 3.2 mm base thickness; 7.2 mm overall thickness.

1.3.3. Physical Characteristics:

Tile Size and Packaging:

- 24" x 24" (61 cm x 61 cm), 4 tiles per carton [16ft² (1.5 m²)]

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

- 2.1. **Abrasion Resistance** (ASTM D 3389): < 1.0 gm weight loss
- 2.2. **Hardness** (ASTM D 2240): Not less than 85 Shore A
- 2.3. **Slip Resistance** (ASTM D 2047): Meets or Exceeds a static coefficient of friction of 0.8
- 2.4. **Color Heat Stability** (ASTM F 1514): < 8.0 ΔE

- 2.5. **Static Load Limit** (ASTM F 970): Passes at 250 psi

- 2.6. **Fire Resistance** (ASTM E 648 - Critical Radiant Flux): Class 1

- 2.7. **Smoke Development** (ASTM E 662): < 450

- 2.8. **Chemical Resistance** (ASTM F 925): Passes - 5% Acetic acid, 70% Isopropyl alcohol, Sodium hydroxide solution (5% NaOH), Hydrochloric acid solution (5% HCl), Sulfuric acid solution (5% H₂SO₄), Household ammonia solution (5% NH₄OH), Household bleach (5.25% NaOCl), Disinfectant cleaner (5% active phenol).

3. INSTALLATION

See rubber tile flooring installation instructions for complete details.

3.1. Adhesives:

- **Tarkett 965 Adhesive Coverage:**

Porous Substrate: 125-150 sq. ft. per gallon

Non-porous Substrate: 150-175 sq. ft. per gallon

- **Tarkett 996 Two-Part Epoxy Adhesive Coverage:**

Porous & Non-porous Substrate: 150-175 sq. ft. per gallon

- **Tarkett 975 Two-Part Polyurethane Adhesive Coverage:**

Porous & Non-porous Substrate: 150-175 sq. ft. per gallon

4. AVAILABILITY AND COST

Available through authorized Tarkett distributors nationwide.

5. WARRANTY

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

6. MAINTENANCE

72 hours after installation is completed, initial maintenance procedures must be implemented in accordance with manufacturer's requirements. Refer to rubber tile maintenance instructions for complete maintenance details.

7. TECHNICAL SERVICES

Samples: Submittal samples for verification and approval available upon request from Tarkett. 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.tarkettna.com or contact Tarkett at 1-800-899-8916.



THE ULTIMATE
FLOORING EXPERIENCE

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