

Prima™ Marbleized and Prima™ Olio™ Rubber Flooring Systems

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1 Proprietary Product: Resilient Rubber Floor Tiles and Treads are A.D.A. Compliant

1.2 Manufacturer:

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1.3 Proprietary Product Description:

1.3.1 Construction: Johnsonite Prima Marbleized and Prima Olio Rubber Flooring System components 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-B Standard Specification for Rubber Floor Tile and ASTM F-2169, Type TS, Class 1 and 2, Group 1 and 2 Standard Specification for Resilient Stair Treads.

All Johnsonite Prima Marbleized and Prima Olio Rubber Flooring System components 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. (i.e.: commercial kitchens).

All Johnsonite Prima Marbleized and Prima Olio Rubber Stair Treads are available with 2" (5.08 cm) wide carborundum strip of contrasting color to comply with A.D.A., Visually-Impaired and California Title 24 requirements.

Note: This unique marbleization process will vary in density from tile to tile, as well as, product to product.

1.3.2 Physical Characteristics:

Size: 12" x 12", 40 tiles per carton (40 sq. ft.), 24" x 24", 8 tiles per carton (32 sq. ft.).

Packaging: Treads are 5 treads per carton. Stringer: 10 lengths per carton. Risers: 25 lengths per carton.

1.3.3 Styles:

Prima Marbleized and Prima Olio Smooth Surface Rubber Tile:

12" (30.5 cm) x 12" (30.5 cm) x .125" (3.17 mm) thick and

24" (61 cm) x 24" (61 cm) x .125" (3.17 mm) thick

Prima Marbleized and Prima Olio Flagstone Surface Rubber Tile:

12" (30.5 cm) x 12" (30.5 cm) x .125" (3.17 mm) thick and

24" (61 cm) x 24" (61 cm) x .125" (3.17 mm) thick

Prima Marbleized and Prima Olio Hammered Surface Rubber Tile:

12" (30.5 cm) x 12" (30.5 cm) x .125" (3.17 mm) thick and

24" (61 cm) x 24" (61 cm) x .125" (3.17 mm) thick

Prima Marbleized and Prima Olio Weathered Surface Rubber Tile:

12" (30.5 cm) x 12" (30.5 cm) x .125" (3.17 mm) thick and

24" (61 cm) x 24" (61 cm) x .125" (3.17 mm) thick

Prima Marbleized Rubber Stair Treads:

All Johnsonite Rubber Stair Treads in either the standard or visually-impaired configuration are available in the Prima Marbleization and Prima Olio.

Prima Marbleized and Prima Olio Rubber Stringers:

10" (25.4 cm) high x 6' (1.83 m) long x 1/8" (3.18 mm) thick

Prima Marbleized and Prima Olio Rubber Risers:

6" (15.24 cm) high by 4' (1.22 m) long by 1/8" (3.18 mm) thick.

7" (17.78 cm) high by 4' (1.22 m) long by 1/8" (3.18 mm) thick.

7" (17.78 cm) high by 5' (1.52 m) long by 1/8" (3.18 mm) thick.

7" (17.78 cm) high by 6' (1.83 m) long by 1/8" (3.18 mm) thick.

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1 **Tensile Strength:** ASTM D 412 > 1200 psi

2.2 **Hardness:** ASTM D 2240, Not less than 85 Shore A

2.3 **Abrasion Resistance:** ASTM D 3389 < 1.00 gram weight loss

2.4 **Slip Resistance:** ASTM D 2047, Exceeds Federal Standards and A.D.A. requirements for slip resistant.

2.5 **Color Heat Stability:** ASTM F 1514 < 8.0 ΔE

2.6 **Acoustical:** ASTM E 492 - Impact Insulation Class (IIC) – 40 (1/8" thickness)

2.7 **Static Load Limit:** ASTM F 970 – Residual indentation < 0.005" at 1000 PSI

2.8 **Fire Resistance:**

2.8.1 ASTM E 648/NFPA 253 (Critical Radiant Flux), Class 1

2.8.2 ASTM E 162 – Flame Spread Index Average of 9

2.8.3 BSS 7239 Boeing Specification Support Standard Toxicity – Passed

2.9 **Chemical Resistance:** Passed after 24 hours exposure to -
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

3.1 The installation of Johnsonite Rubber 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 to within 1/8" in 10 ft., 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

3.2 .Adhesives:

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

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

Non-Porous Substrates: 1/16" V-notched trowel (approx. 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.

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

Application: 1/16" square notched trowel

(Approx 150 sq ft /gal)

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

Application: 1/16" square notched trowel

(Approx 150 sq ft /gal)

3.2.4 Johnsonite #930 Two-Part Epoxy Caulking Compound (for treads and substrate repairs)

Application - Gun, knife, or 13-1/2 oz. cartridge Coverage - approximately 250 linear ft./gallon of mixture or 50 linear feet per 13-1/2 oz. cartridge based on 1/4" diameter bead.

3.2.5 Stringers and Risers: Johnsonite #945 Contact Bond Adhesive

Application: Brush or roller Coverage: 360 sq. ft. per gallon.

3.3 **Installation Manual:** Refer to Johnsonite Rubber Tile Installation Instructions for complete installation details.

4. AVAILABILITY AND COST

4.1 Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

Limited 5 year warranty for .125" (3.17mm) rubber tiles and limited 1 year warranty for stair treads, stringers, and risers. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

6. MAINTENANCE

6.1 72 hours after installation is completed, initial maintenance procedures must be implemented in accordance with manufacturer's requirements. Refer to Johnsonite Rubber Tile Maintenance 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.