

THE TARKETT COLLECTION

LINOLEUM

1. PROPRIETARY PRODUCT/MANUFACTURER

Proprietary Product: Homogeneous Linoleum floorcovering, single layer on jute backing with xf™ for reduced maintenance.

Recommended areas for use:

- Education – Classrooms, corridors, multipurpose rooms, gymnasiums, laboratories, cafeterias, lavatories
- Offices – Break rooms, offices, corridors, cafeterias, lavatories.
- Retail – Sales areas, offices.
- Healthcare – Patient rooms, exam rooms, lobbies, corridors, emergency rooms, critical care, laboratories.
- Hospitality – Corridors, vending areas, lobbies.

1.1. Manufacturer:

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1.2. Proprietary Product Description

1.2.1. Construction: Johnsonite's Linoleum consists of one homogeneous layer of oxidized linseed oil and natural resins mixed with wood or cork flour, limestone and pigments affixed to a jute backing. The marbled pattern extends evenly throughout the total thickness. Surface has xf™ treatment for reduced maintenance.

1.2.2. Styles: Thickness and wear layer varies by product.

- Marbled colors:
 - Veneto: (thickness/wear layer) – 0.080" (2 mm) available in 44 colors.
 - (thickness/wear layer) – 0.100" (2.5 mm) available in 48 colors
 - (thickness/wear layer) – 0.125" (3.2 mm) available in 6 colors
 - Toscana: (thickness/wear layer) – 0.100" (2.5 mm) available in 8 colors.
- Solid colors:
 - Etrusco: (thickness/wear layer) – 0.100" (2.5 mm) available in 9 colors.

Packaging - Available in 6' 6" (2 m) wide 65-100 linear feet (20-30 m) per roll.

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1. Meets ASTM F 2034 – Type 1 performance standards for sheet linoleum floor covering

- 2.2. Static coefficient of friction: ASTM D 2047 > 0.5
- 2.3. Static Load Limit: ASTM F 970 – 650 psi
- 2.4. Fire Performance
 - 2.4.1. Flooring Radiant Panel: ASTM E 648 – Class 1

3. INSTALLATION

- 3.1. The installation of Johnsonite Linoleum 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 70° F 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 must be maintained after installation.
 - 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 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, 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 tests shall be in accordance with ASTM F 1869 Standard Test method for Measuring Vapor Emission Rate of Concrete Subfloor using Anhydrous Calcium Chloride. 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. Surface pH of the concrete should not exceed 9. If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected.
 - For best color match on installation requiring more than 1 roll, be sure rolls to be used in same area are of the same lot number. Install rolls in numerical order according to sequence number.
 - Do not reverse sheets during installation.
 - Underscribe seams may be butt-net or heat welded, depending on conditions at jobsite. When heat welding, rout seams with hand router or an electric router. Heat weld with corresponding 4 mm Johnsonite Linoleum weld rod.
 - Material installed under heavy dynamic or static loads will require the use of a specialized firm setting adhesive – Tarkett 940 Polyurethane is recommended for these areas

3.2. Adhesives:

3.2.1. Tarkett 450 Linoleum Adhesive (Wet Tacky Set)

- Porous Substrates: 3/32"x3/32"x3/32" trowel – approximately 110 sq.ft./gal.
- Non-Porous Substrates: 1/16"x1/16"x1/16" trowel – Approximately 125 sq.ft./gal.

Flooring must be installed within 30 minutes after adhesive becomes tacky. Roll the floor covering with a 100 lb. three-section roller to break down adhesive ridges and expel any entrapped air while adhesive is still wet.

3.2.2. Tarkett 940 Two-Part Polyurethane (Wet Set)

1/32"x1/16"x 1/32 trowel – Approximately 180 sq.ft./gal.

Flooring must be installed while adhesive is wet. Roll the floor covering with a 100 lb. three-section roller to break down adhesive ridges and expel any entrapped air while adhesive is still wet. Avoid working on newly installed flooring whenever possible.

3.3. **Installation Manual:** Refer to Johnsonite's Linoleum Installation Instruction 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. Traffic may be allowed 48 hours after installation.
- 6.2. Allow at least 5 days for adhesive to achieve bond before commencing recommended maintenance routine.
- 6.3. Refer to Johnsonite's Linoleum Installation and Maintenance Instructions for complete maintenance details.
- In certain areas of medical or laboratory facilities where strong staining agents, such as iodine based products may be spilled on the floor or in areas of high abrasive traffic, a commercial grade polish is recommended as a sacrificial coating to protect the floor. The polish shall be stripped and reapplied as needed.
 - Do not use acetone or similar materials to clean floors. Furniture rests, cart wheels and tires should be made of soft, non-staining rubber and should be large enough to fully dissipate the load. Special hard set adhesive is required in areas where heavy static or dynamic loads will occur.

7. TECHNICAL SERVICES

- 7.1. 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.