creating better environments

MARMOLEUM® MODULAR STRIATO TECHNICAL DATA

1. PRODUCT NAME & MANUFACTURER

1.1 Product:  
Marmoleum® Modular Striato linoleum tile resilient floor covering

1.2 Manufacturer:  
Forbo Flooring Systems  
Humboldt Industrial Park  
Hazleton, PA 18202  
www.forboflooringna.com  
Phone: +800 842 7839  
Fax: +570 450 0258

1.3 Product Description:  
Construction: Marmoleum® Modular is a homogeneous floor covering made from natural ingredients including linseed oil, rosin binders, wood flour, limestone and dry pigments which are mixed and then calendared onto a polyester backing to ensure optimum dimensional stability.

Topshield2™ is a high performance finish. Its double UV cured double layer technology delivers extraordinary performance and clear and vibrant colors that remain over time. Topshield2™ creates a ‘ready to use’ Marmoleum® that requires no initial maintenance or polymer application. The surface can be repaired or refreshed in cases of accidents or after years of intensive use.

1.4 Physical Characteristics: (dimensions are approximate)
- Size: Approx. 9.8” x 39.37” (25 cm x 100 cm)
- Gauge: 1/10” (2.5 mm)
- Backing: Polyester
- Packaging: 9.8” x 39.37”; 12 tiles (32.29 feet², 3 meters²)

2. PRODUCT PERFORMANCE & TECHNICAL DATA

2.1 Reference Specification:  
Meets or exceeds all technical requirements as set forth in ASTM F 2195 Standard Specification for Linoleum Tile Flooring Type I

2.2 Environmental:  
100% USDA Certified BioBased Product.
Compliant with CHPS 01350 requirements for VOC emissions and indoor air quality.
Contributes to LEED® v4 credits.

2.3 Static Load Limit:  
1,500 pounds per square inch when tested in accordance with ASTM F 970-00, Standard Test Method for Static Load Limit.

2.4 Slip Resistance:  
Meets or exceeds the industry recommendation of >0.5 for flat surfaces when tested in accordance with ASTM D 2047, Standard Test Method for Static Coefficient of Friction.

2.5 Castor Resistance:  
Suitable for office chairs with castors when tested in accordance with EN 425, Castor Chair Test.

2.6 Impact Sound Reduction:  
6db when tested in accordance with ISO 717-2, Impact Sound Insulation Test.

2.7 Resistance to Bacteria:  
Provides a self-sanitizing quality in the form of a bacteriostatic effect.

2.8 Anti-Static Properties:  
Naturally anti-static. This property makes cleaning easier because dirt and dust does not cling to the surface as it may with other materials.

2.9 Dimensional Stability:  
Due to the polyester back, providing a strong durable foundation, the product is dimensionally stable in all directions when properly installed. It resists cracking, drying, and peeling.

2.10 Fire Testing:  
Class 1 when tested in accordance with ASTM E 648/NFPA 253, Standard Test Method for Critical Radiant Flux.  
Class 2 when tested in accordance with ASTM E 662/ NFPA 258, Standard Test Method for Smoke Density.

2.11 Cigarette Resistance:  
Resists cigarette burns. Burning cigarettes will leave only a brown mark, which can be rubbed out using steel wool or a scouring pad.

2.12 Chemical Resistance: (Exposure Time One Hour)*
- Diluted Acids – Sulfuric, Nitric, Hydrochloric, Acetic, Lactic, Citric, Methyl Ethyl Ketone
- Ammonia, Acetone, Propylene Glycol
- Gel-Based Hand Sanitizer, Bleach
- Soap Solution (Slightly Alkaline)
- Formaldehyde, Hydrogen Peroxide 3%
- Blood, Urine, Excrement
- Mineral Oil, Olive Oil, Vegetable Oil, Animal Fat
- Benzene, Toluene, Methyl Alcohol, Ethyl Acetate
- Gasoline, Kerosene, White Spirit, Paraffin, Ether
- Soda Solution
- Silver Nitrate, Sodium Hydroxide (5%)
- Isopropyl Alcohol (70%), Phenol

2.13 Soap Solution Resistance:  
Gel-Based Hand Sanitizer, Bleach

2.14 Castor Oil Resistance:  
Sodium Hydroxide (5%) - Softening

2.15 Castor Oil Resistance:  
Isopropyl Alcohol (70%), Phenol - No Change

2.16 Castor Oil Resistance:  

2.17 Castor Oil Resistance:  
Sodium Hydroxide (5%) - Softening

3. INSTALLATION

3.1 Adhesive:  
Use Forbo T 940, Forbo Sustain 885m, Forbo Sustain 1195 or Forbo Sustain 1299 adhesives.
Use a 1/16” x 1/16” x 1/16” square notch trowel.
Spread Rate: Approximately 125 square feet/gallon.

4. WARRANTY

Limited 30-year warranty. For complete details, contact Forbo Flooring.

5. CARE & CLEANING

After installation is completed, allow a minimum of 5 days for the adhesive to properly bond and cure before conducting wet cleaning procedures. See Forbo Flooring’s Floor Care Guide for additional information.