

FORBO MARMOLEUM SPORT TECHNICAL DATA

1. PRODUCT NAME & MANUFACTURER

1.1 Product:

Forbo Marmoleum Sport linoleum sheet resilient floor covering

1.2 Manufacturer:

Forbo Flooring Systems US
8 Maplewood Drive
Hazleton, PA 18202
1-800-842-7839

Forbo Flooring Systems Canada
3983 Nashua Drive, Unit 1
Mississauga, ON L4V 1P3
1-800-268-8108 (English)
1-800-567-9268 (French)

www.forboflooringNA.com

1.3 Product Description:

Construction: Forbo Marmoleum Sport is a homogeneous floor covering made from natural ingredients including flax seed oil, rosin binders, wood flour, limestone and dry pigments which are mixed and then calendared onto a natural jute backing.

1.4 Physical Characteristics:

(dimensions are approximate)

Gauge ----- 1/8" (3.2 mm)
Backing ----- Jute
Width ----- 79" (2 meters)
Length ----- 92' (28 meters)
Roll Size ----- 67 yards² (56 meters²)

2. PRODUCT PERFORMANCE & TECHNICAL DATA

2.1 Reference Specification:

Meets or exceeds all technical requirements as set forth in ASTM F 2034 Standard Specification for Linoleum Sheet Flooring, Type I

2.2 Environmental:

100% USDA Certified BioBased Product.
Compliant with CDPH 01350 requirements for VOC emissions and indoor air quality.
Forbo Marmoleum Sport contributes to LEED v4.1 credits.
For additional information, contact Forbo Flooring Systems.

2.3 Static Load Limit:

Residual compression of 0.002" with 250 pounds per square inch when tested in accordance with ASTM F 970-17, 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 ISO 4918, 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 bactericidal effect. Independent testing has shown that a sterile zone around the material inhibits the growth of organisms such as staphylococcus aureus and Clostridium difficile.

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 Fire Testing:

Class 1 when tested in accordance with ASTM E 648/ NFPA 253, Standard Test Method for Critical Radiant Flux. Meets 450 or less when tested in accordance with ASTM E 662/ NFPA 258, Standard Test Method for Smoke Density.

2.10 Chemical Resistance:

(Exposure Time – 1h)*

Diluted Acids – Sulfuric, Nitric, Hydrochloric, Acetic, Lactic, Citric-----	No Change
Isopropyl Alcohol (70%)-----	No Change
Sodium Hydroxide (5%)-----	No Change
Ammonia (5%), Acetone -----	No Change
Soda Solution, Soap Solution	
(Slightly Alkaline) -----	No Change
Gasoline, Kerosene, White Spirit, Paraffin -----	No Change
Benzene, Toluene, Methyl Alcohol, Ethyl	
Acetate -----	No Change
Methyl Ethyl Ketone, Ether, Phenol (5%) -----	No Change
Mineral Oil, Olive Oil, Vegetable Oil,	
Animal Fat -----	No Change
Blood, Urine, Excrement -----	No Change
Formaldehyde, Hydrogen Peroxide 3%-----	No Change
Hot Chili Paste, Iodine, Betadine, Hair Dye -----	No Change
Shoe Polish, Lipstick-----	Staining
Silver Nitrate -----	Staining/Possible Softening
Sulfuric Acid-----	Staining
Bitumen, Salt Water -----	No Change
Methylene Blue-----	Staining
Gel-Based Hand Sanitizer, Bleach-----	No Change
Tested in accordance with ASTM F 925, Standard Test Method Resistance to Chemicals of Resilient Flooring.	
*Forbo Marmoleum Sport is NOT resistant to prolonged exposure to high alkalis.	

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.

3. INSTALLATION

3.1 Adhesive:

Use Forbo Sustain 1195, Forbo Sustain 100, Forbo L 885, or Forbo 660 adhesive.

3.2 SEAMING:

3.2.1 Conventional Fit Seams:

All Marmoleum sheet products should be installed utilizing conventional fit seams.

3.2.2 Welding for Monolithic or Seamless

Flooring Installation:

Forbo's preferred seaming method for Marmoleum in surgical or procedure areas and those areas required by code is using Forbo Marmoweld ETU. Marmoweld ETU is a color-matched paste weld used to complete the installation of Forbo Marmoleum in place of heat welding.

3.2.3 Optional Welding Method:

Heat weld with Forbo Marmoweld welding rod.

Welding Rod Dimensions:

----- 4.0 mm

----- 164 linear ft per spool

3.3 Flash Coving (OPTIONAL):

Forbo recommends using ArmorCove, Forbo's fully integrated coving system that is comprised of a 1-piece aluminum cove-former, full vertical backing and cap in [4.25:] [6.25"] height, with Marmoleum as the finished surface. It is puncture-proof and water resistant. Use Forbo ArmorFix Adhesive for ArmorCove installations.

For traditional flash coving: Flash cove up walls to the desired height. Use Forbo Sustain 1195, Forbo Sustain 100, or Forbo L 885 adhesive.

4. WARRANTY

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

5. CARE & CLEANING

Refer to Forbo's Floor Care Guidelines for complete care recommendations.