

FORBO MARMOLEUM CINCH LOC SEAL TECHNICAL DATA

1. PRODUCT NAME & MANUFACTURER

1.1 Product:

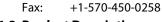
Forbo Marmoleum Cinch LOC Seal floating floor covering

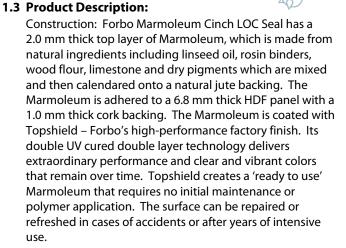
1.2 Manufacturer:

Forbo Flooring Systems Humboldt Industrial Park Hazleton, PA 18202

www.forboflooringNA.com

Phone: +1-800-842-7839 (US) +1-800-268-8108 (CA)





1.4 Physical Characteristics: (dimensions are approximate)

Panel	11.81"	x 35.43"	(300 mr	n x 900 mm)
Square	11.81"	x 11.81"	(300 mr	n x 300 mm)

Thickness -----3/8" (9.8 mm)
Base Material -----HDF Panel Board

Packaging ------Panels: 7 per carton - 20.3 ft² (1.89 m²) Squares: 7 per carton - 6.7 ft² (0.63 m²)

2. PRODUCT PERFORMANCE & TECHNICAL DATA

2.1 Environmental:

Compliant with CDPH 01350 requirements for VOC emissions and indoor air quality.

The composite wood core material meets both CARB ATCM Phase 2 and US EPA TSCA Title VI.

Forbo Marmoleum Cinch LOC Seal contributes to LEED® v4 credits. For additional information, contact Forbo Flooring Systems.

2.2 Static Load Limit:

Residual compression of 0.004" with 250 pounds per square inch when tested in accordance with ASTM F 970-17, Standard Test Method for Static Load Limit.

2.3 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.

2.4 Castor Resistance:

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

2.5 Impact Sound Reduction:

IIC 64 when tested in accordance with ASTM E 492, Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor/Ceiling Assemblies using the Tapping Machine.

2.6 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 aureas and Clostridium difficile.

2.7 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.

2.8 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.

2.9 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.

2.10 Chemical Resistance:

(Exposure Time – 1h)*

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



3. INSTALLATION

3.1 Installation Guidelines:

Refer to Forbo's Installation Guidelines for complete installation recommendations.

4. WARRANTY

Limited 25-year residential warranty or a limited 5-year commercial warranty. For complete details, contact Forbo Flooring Systems.

5. CARE & CLEANING

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