FORBO MARMOLEUM® CLICK CINCH LOC TECHNICAL DATA

1. PRODUCT NAME & MANUFACTURER

1.1 Product:  
Forbo Marmoleum® Click Cinch LOC floating floor covering

1.2 Manufacturer:  
Forbo Flooring Systems
Humboldt Industrial Park  
Hazleton, PA 18202  
www.forboflooringNA.com  
Phone: +1-800-842-7839 (US)  
Fax: +1-800-268-8108 (CA)

1.3 Product Description:  
Construction: Forbo Marmoleum® Click Cinch LOC has a 2.0 mm thick top layer of Marmoleum®, which is made from natural ingredients including linseed oil, rosin binders, wood flour, limestone and dry pigments which are mixed and then calendared onto a natural jute backing. The Marmoleum® is adhered to a 6.8 mm thick HDF panel with a 1.0 mm thick cork backing. 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)

| Panel | 11.81" x 35.43" (300 mm x 900 mm) |
| Square | 11.81" x 11.81" (300 mm x 300 mm) |
| Thickness | 3/8" (9.8 mm) |
| Base Material | HDF Panel Board |

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

2.2 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.

2.3 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:  

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:  

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 – Sulfuric, Nitric, Hydrochloric
- Acetic, Lactic, Citric
- Isopropyl Alcohol (70%)
- Sodium Hydroxide (5%)
- Ammonia (3%), Acetone
- Soda / Soap Solution (Slightly Alkaline)
- Sodium Hydroxide (5%)
- Acetic, Lactic, Citric
- Diluted Acids – Sulfuric, Nitric, Hydrochloric
- Blood, Urine, Excrement
- Formaldehyde, Hydrogen Peroxide 3%
- Hot Chili Paste
- Shoe Polish
- Mineral Oil, Olive Oil, Vegetable Oil
- Animal Fat
- Blood, Urine, Excrement
- Formaldehyde, Hydrogen Peroxide 3%
- Shoe Polish
- Silver Nitrate
- Bitumen, Salt Water
- Silver Nitrate
- Gel-Based Hand Sanitizer

*Forbo Marmoleum® Click Cinch LOC 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 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.