

1. PRODUCT NAME / MANUFACTURER

1.1 Product:

Desktop furniture linoleum

1.2 Manufacturer:

Forbo Flooring Systems
Humboldt Industrial Park
Hazleton, PA 18202
www.forboflooringNA.com
Phone: 1-800-842-7839
1-570-459-0771
Fax: 1-570-450-0258

1.3 Product Description:

Construction: Desktop furniture linoleum is made from natural ingredients including linseed oil, rosin binders, wood flour, limestone and dry pigments which are mixed and then calendared onto an impregnated paper backing. It is finished with a water-based cross-linked acrylic finish that protects the surface while maintaining its flexibility.

1.4 Physical Characteristics: (dimensions are approximate)

Gauge-----0.080" (2.0 mm)
Backing-----Paper
Width-----72" (1.83 meters)
Length-----98.43' (30 meters)
Roll Size-----70 yards² (58.53 meters²)

2. PRODUCT PERFORMANCE AND 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:

Compliant with CHPS 01350 requirements for VOC emissions and indoor air quality.
See Forbo's LEED® v4 sheet for additional information.
[Materials & Resources](#)
Recycled Content (28% Pre-Consumer)
100% Recyclable Packaging
[Indoor Environmental Quality](#)
Low-Emitting Materials (www.chps.net)
Low-Emitting Materials (Adhesives comply with SCAQMD Rule #1168)

2.3 Flexibility

Desktop will not crack or break when bent around a 1.97" (50 mm) diameter.

2.4 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, Clostridium difficile, and Klebsiella pneumonia (CRE).

2.5 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.

2.6 Fire Testing:

Class C when tested in accordance to ASTM E 84/NFPA 255, Standard Test Method for Surface Burning Characteristics.
Flame Spread Index- 170, Smoke Developed Index- 155

2.7 Chemical Resistance: (Exposure Time: One Hour)*

Tested in accordance with ASTM F 925, Standard Test Method Resistance to Chemicals of Resilient Flooring.

*Desktop is NOT resistant to prolonged exposure to high alkalis.

Diluted Acids – Sulfuric, Hydrochloric, Acetic-----	No Change
Isopropyl Alcohol (70%)-----	No Change
Sodium Hydroxide (5%)-----	No Change
Ammonia (5%), Acetone-----	No Change
Gasoline, Kerosene, White Spirit, Paraffin-----	No Change
Phenol (5%) -----	Moderate Change
Mineral Oil, Olive Oil, Vegetable Oil, Animal Fat -----	No Change
Blood, Bleach -----	No Change
Hot Chili Paste, Iodine, Betadine, Hair Dye-----	No Change
Shoe Polish, Hair Dye -----	Slight Change
Lipstick-----	No Change
Methylene Blue-----	Moderate Change
Gel-Based Hand Sanitizer-----	Slight Change

2.8 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 L 910W adhesive.
Use a 1/16" x 1/16" x 1/16" square notch trowel.
Spread Rate: Approximately 125 square feet/gallon.

3.2 Installation Guidelines:

Refer to Forbo Flooring's Installation Guidelines for complete installation guidelines.

3.3 Finishing Edges:

Any type of finish is possible. The edges can be cut straight with a trim applied, beveled, rounded, tapered or wrapped.

3.4 Industrial Rounding:













Machinery used to bend HPL can also be used to bend Desktop furniture linoleum. The maximum temperature should not exceed 158° F (70° C).

4. WARRANTY

Limited 5-year warranty. For complete details, contact Forbo Flooring.

5. CARE AND 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 Guidelines for additional information.

	Total thickness	EN-ISO 24346	2.0 mm
	Roll width	EN-ISO 24341	1.83 m
	Roll length	EN-ISO 24341	≤ 30 m
	Weight	EN-ISO 23997	2.1 kg/m ²
	Indentation-residual	EN-ISO 24341-1	< 0.20 mm
	Light fastness	EN-ISO 105-B02	Method 3: blue scale minimum 6.
	Gloss level	ISO 2813	< 5
	Flexibility	EN-ISO 24344	ø 50 mm
	Resistance to chemicals	EN-ISO 26987	Resistant to diluted acids, oils, fats and to the conventional solvents. Not resistant to prolonged exposure to alkalis.
	Heat resistance		70 °C
	Body voltage	EN 1815	< 2 kV
	LCA Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact.