

# FORBO FURNITURE LINOLEUM TECHNICAL DATA

## 1. PRODUCT NAME & MANUFACTURER

### 1.1 Product:

Forbo sheet furniture linoleum

### 1.2 Manufacturer:

Forbo Flooring Systems  
Humboldt Industrial Park  
Hazleton, PA 18202

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### 1.3 Product Description:

Construction: Forbo Furniture Linoleum is made from natural ingredients including flax seed 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 yards<sup>2</sup> (58.53 meters<sup>2</sup>)

## 2. PRODUCT PERFORMANCE & TECHNICAL DATA

### 2.1 Environmental:

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

Forbo Furniture Linoleum contributes to LEED® v4 credits. For additional information, contact Forbo Flooring Systems.

### 2.2 Flexibility

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

### 2.3 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 or Clostridium difficile.

### 2.4 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.

### 2.5 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

### 2.6 Chemical Resistance:

**(Exposure Time – 1h)\***

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

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

\*Furniture Linoleum is NOT resistant to prolonged exposure to high alkalis.

### 2.7 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.

### 3.2 Installation Guidelines:

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

### 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 & CLEANING

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