

# FORBO ETERNAL STEP WOOD TECHNICAL DATA

## 1. PRODUCT NAME & MANUFACTURER

### 1.1 Product:

Forbo Eternal Step Wood vinyl 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](http://www.forboflooringNA.com)

### 1.3 Product Description:

Construction: Forbo Eternal Step Wood vinyl sheet floor covering is a heterogeneous product with a compact calendared backing and a flexible reinforced glass fleece innerlayer for dimensional stability. The scratch resistant PUR wearlayer contains colorfast pigments, transparent anti-slip crystals.

### 1.4 Physical Characteristics:

**(dimensions are approximate)**

Gauge ----- 0.080" (2.0 mm)  
Width ----- 79" (2 meters)  
Wear layer ----- 0.0275" (0.7 mm)  
Length ----- 82' (25 meters)  
Roll Size ----- 60 yards<sup>2</sup> (50 meters<sup>2</sup>)

## 2. PRODUCT PERFORMANCE & TECHNICAL DATA

### 2.1 Reference Specification:

Meets or exceeds all technical requirements as set forth in ASTM F 1303, Standard Specification for Vinyl Sheet Floor Covering With Backing Type 1, Grade 1, Class B Backing

### 2.2 Environmental:

Compliant with CDPH 01350 requirements for VOC emissions and indoor air quality. Forbo Eternal Step Wood contributes to LEED v4.1 credits. For additional information, contact Forbo Flooring Systems.

### 2.3 Static Load Limit:

Residual compression of 0.001" 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.  
Suitable for use on flat or inclined surfaces.

### 2.5 Castor Resistance:

Suitable for office chairs with castors when tested in accordance with ISO 4918, Castor Chair Continuous Use Test.

### 2.6 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.

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

Acetic Acid (5%)-----	No Effect
Isopropyl Alcohol (70%)-----	No Effect
Sodium Hydroxide (5%)-----	No Effect
Hydrochloric Acid (5%)-----	No Effect
Sulfuric Acid-----	No Effect
Ammonia (5%)-----	No Effect
Bleach-----	No Effect
Phenol (5%)-----	No Effect
Gasoline-----	No Effect
Kerosene-----	No Effect
Acetone-----	No Effect
Hot Chili Paste-----	No Effect
Brown or Black Shoe Polish-----	Slight Color Change
Iodine-----	Severe Color Change
Betadine-----	No Effect
Methylene Blue-----	No Effect
Gel Hand Sanitizer-----	No Effect
Brown or Black Hair Dye-----	No Effect
Mineral Oil-----	No Effect
Olive Oil-----	No Effect

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

## 3. INSTALLATION

### 3.1 Adhesive:

Use Forbo V 885, Forbo Sustain 1195 or Forbo 660 adhesive.

### 3.2 Heat Welding:

Seams must be heat welded. Use only Forbo Eternal Step Wood welding rod.  
Welding rod dimensions: 4 mm; 165 linear feet per spool.

### 3.3 Flash Coving (OPTIONAL):

Flash cove up walls to the desired height. Use Forbo V 885, or Forbo Sustain 1195 adhesive.

### 3.4 Installation Guidelines:

Forbo does NOT recommend the application of adhesive tape on Eternal. Adhesive tape may cause damage to the factory coating of resilient flooring products. When using floor protection materials, tape the seams of the floor protection together and secure the floor protection by weighing down in corners and against walls. DO NOT secure floor protection materials by taping them directly to the surface of resilient floor coverings.

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

#### **4. WARRANTY**

Limited 10-year warranty. For complete details, contact Forbo Flooring.

#### **5. CARE & CLEANING**

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