

FORBO ETERNAL TECHNICAL DATA

(MATERIAL, WOOD)

1. PRODUCT NAME & MANUFACTURER

1.1 Product:

Forbo Eternal vinyl sheet resilient 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)

Fax: +1-570-450-0258

1.3 Product Description:

Construction: Forbo Eternal vinyl sheet floorcoverings have a highly compressed homogeneous vinyl wearlayer with a high performance urethane top coat. A glass fiber interlayer, to ensure dimensional stability, and a calendared CDF backing support the wearlayer.

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 yards² (50 meters²)

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 contributes to LEED® v4 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.

2.5 Castor Resistance:

Suitable for office chairs with castors when tested in accordance with EN 425, Castor Chair 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.
FSR – 165; SDC – 200 when tested in accordance to CAN/ULC S102.2, Standard Test Method for Flame Spread Rating and Smoke Development.

2.7 Chemical Resistance:

(Exposure Time – 1h)

Acetic Acid (5%) -----	No Effect
Isopropyl Alcohol -----	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
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 600 adhesive.

3.2 Heat Welding:

Seams must be heat welded. Use only Forbo Eternal 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, Forbo Sustain 1195 or Forbo 660 adhesive.

3.4 Installation Guidelines:

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.