

# FORBO IMPRESSA® TECHNICAL DATA

## 1. PRODUCT NAME & MANUFACTURER

### 1.1 Product:

Forbo Impressa® PVC-free resilient floor covering

### 1.2 Manufacturer:

Forbo Flooring Systems  
Humboldt Industrial Park  
Hazleton, PA 18202

[www.forboflooringNA.com](http://www.forboflooringNA.com)

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+1-800-268-8108 (CA)

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### 1.3 Product Description:

Construction: Forbo Impressa® is a PVC-free floor covering made from natural ingredients including flax seed oil, rosin binders, wood flour and limestone which are mixed and then calendared onto a polyester backing. Forbo Impressa® has a high performance transparent top coat, which provides color clarity.

### 1.4 Physical Characteristics:

**(dimensions are approximate)**

Size ----- 9.8" x 39.37" (25 cm x 100 cm)

Gauge----- 1/10" (2.5 mm)

Backing----- Polyester

Packaging----- 12 tiles (32.29 feet<sup>2</sup> or 3 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 Impressa® contributes to LEED® v4 credits. For additional information, contact Forbo Flooring Systems.

### 2.2 Static Load Limit:

Residual compression of 0.004" 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 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.

### 2.6 Chemical Resistance:

**(Exposure Time 1h)\***

Diluted Acids – Sulfuric, Nitric, Hydrochloric, Acetic, Lactic, Citric, Methyl Ethyl Ketone ----- No Change  
Isopropyl Alcohol (70%), Phenol (5%)----- No Change  
Sodium Hydroxide (5%)----- Softening  
Ammonia (5%), Acetone -----Possible Softening/Staining  
Gasoline, Kerosene, White Spirit ----- No Change  
Mineral Oil, Vegetable Oil, Animal Fat ----- No Change  
Blood, Urine, Excrement ----- No Change  
Hot Chili Paste ----- No Change  
Iodine, Betadine, Hair Dye -----Slight Change/Staining  
Shoe Polish -----Slight Change/Staining  
Bitumen, Salt Water, Lipstick ----- No Change  
Methylene Blue----- Staining  
Gel-Based Hand Sanitizer, Bleach ----- No Change  
Tested in accordance with ASTM F 925, Standard Test Method for Resistance to Chemicals of Resilient Flooring.  
\* Forbo Impressa® is NOT resistant to prolonged exposure to high alkalis.

## 3. INSTALLATION

### 3.1 Adhesive:

Use Forbo T 940, Forbo Sustain 1195, Sustain 1299, Forbo EZ-ON 100™ or Forbo 660 adhesive.

### 3.2 Installation Guidelines:

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

## 4. WARRANTY

Limited 30-year warranty. For complete details, contact Forbo Flooring.

## 5. CARE & CLEANING

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