

# FORBO ALLURA DRYBACK 0.7 TECHNICAL DATA

## 1. PRODUCT NAME & MANUFACTURER

### 1.1 Product:

Forbo Allura Dryback 0.7 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 Allura Dryback luxury vinyl tiles are comprised of a vinyl wear layer with a high-performance PUR topcoat which provides color clarity. A calendared wear layer provides clear image, superior strength, and durability. The thick glass interlayer ensures dimensional stability, flexibility, tension releases and strength with a thick solid backing for comfort, balance, and support of the wear layer.

Forbo Allura Hungarian Point (HP) are smaller sized planks with the short ends cut at a 45° angle. They are then installed in a herringbone pattern for a sophisticated design.

### 1.4 Physical Characteristics:

**(dimensions are approximate)**

Size -----	19.7" x 19.7" (50 cm x 50 cm)
-----	29.5" x 5.9" (75 cm x 15 cm)
-----	29.5" x 9.8" (75 cm x 25 cm)
-----	39.4" x 5.9" (100 cm x 15 cm)
-----	39.4 x 19.7" (100 cm x 50 cm)
-----	39.4" x 39.4" (100 cm x 100 cm)
-----	47.2" x 7.9" (120 cm x 20 cm)
-----	59.1" x 7.9" (150 cm x 20 cm)
-----	59.1" x 11" (150 cm x 28 cm)
-----	70" x 12.6" (180 cm x 32 cm)
Gauge-----	1/10" (2.5 mm)
Wear Layer---	27.56 mils (0.027" or 0.7 mm)
Packaging---	19.7" x 19.7": 12 pieces (32.29 ft <sup>2</sup> or 3 m <sup>2</sup> )
-----	29.5" x 5.9": 36 pieces (43.59 ft <sup>2</sup> or 4 m <sup>2</sup> )
-----	29.5" x 9.8": 22 pieces (44.4 ft <sup>2</sup> or 4.1 m <sup>2</sup> )
-----	39.4" x 5.9": 20 pieces (32.29 ft <sup>2</sup> or 3 m <sup>2</sup> )
-----	39.4 x 19.7": 12 pieces (64.58 ft <sup>2</sup> or 6 m <sup>2</sup> )
-----	39.4" x 39.4": 1 piece (10.76 ft <sup>2</sup> or 1 m <sup>2</sup> )
-----	47.2" x 7.9": 12 pieces (31 ft <sup>2</sup> or 2.88 m <sup>2</sup> )
-----	59.1" x 7.9": 16 pieces (49.6 ft <sup>2</sup> or 4.6 m <sup>2</sup> )
-----	59.1" x 11": 12 pieces (63.29 ft <sup>2</sup> or 5.87 m <sup>2</sup> )
-----	70" x 12.6": 8 pieces (180 cm x 32 cm)

## PRODUCT PERFORMANCE & TECHNICAL DATA

### 2.1 Reference Specification:

Meets or exceeds all technical requirements as set forth in ASTM F 1700, Standard Specification for Solid Vinyl Floor Tile.

Class III, Type B

### 2.2 Environmental:

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

Forbo Allura Dryback contributes to LEED v4.1 credits. For additional information, contact Forbo Flooring Systems.

### 2.3 Castor Resistance:

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

### 2.4 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.

### 2.5 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.

### 2.6 Impact Sound Reduction:

6dB when tested in accordance with ISO 717-2, Impact Sound Insulation Test.

IIC 51 when tested in accordance with ASTM E 492, Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor/Ceiling Assemblies using the Tapping Machine.

### 2.7 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 – 150; SDC – 255 when tested in accordance to CAN/ULC S102.2, Standard Test Method for Flame Spread Rating and Smoke Development.

**2.12 Chemical Resistance:  
(Exposure Time – 1h)\***

Acetic Acid (5%)	No Change
Acetone	No Change
Ammonia (5%)	No Change
Betadine	No Change
Bleach	No Change
Gasoline	No Change
Hair Dye	No Change
Hand Sanitizer	No Change
Hot Chili Paste	No Change
Hydrochloric Acid (5%)	No Change
Iodine	No Change
Isopropyl Alcohol (70%)	No Change
Kerosene	No Change
Methylene Blue	No Change
Mineral Oil	No Change
Olive Oil	No Change
Phenol (5%)	No Change
Shoe Polish	Slight Surface Dulling
Sodium Hydroxide (5%)	No Change
Sulfuric Acid	Moderate Color Change

Tested in accordance with ASTM F 925, Standard Test Method Resistance to Chemicals of Resilient Flooring.  
\*Forbo Allura Dryback is NOT resistant to prolonged exposure to high alkalis.

**2. INSTALLATION**

**3.1 Adhesive:**

Use Forbo Sustain 1195 or Forbo 660 adhesive.

**3.2 Installation Guidelines:**

Forbo does NOT recommend the application of adhesive tape on Allura. 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.

**3. WARRANTY**

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

**4. CARE & CLEANING**

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