

# CORKMENT UNDERLAYMENT TECHNICAL DATA

## 1. PRODUCT NAME / MANUFACTURER

### 1.1 Product:

Corkment Underlayment resilient underlayment material

### 1.2 Manufacturer:

Forbo Flooring Systems  
Humboldt Industrial Park  
Hazleton, PA 18202  
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### 1.3 Product Description:

Construction: Corkment Underlayment is a homogeneous cork underlayment made from natural ingredients including oxidized and polymerized drying oils and resins with cork minerals and grain which are mixed and then calendared onto a natural jute carrier.

### 1.4 Physical Characteristics: (dimensions are approximate)

Gauge-----0.080" (2.0 mm); 1/8" (3.2 mm); 1/4" (6.0 mm)  
Carrier-----Jute  
Width-----79" (2 meters)  
Length-----105' (32 meters)  
Roll Size-----77 yards<sup>2</sup> (64 meters<sup>2</sup>)

## 2. PRODUCT PERFORMANCE AND TECHNICAL DATA

### 2.1 Environmental:

Platinum certified in accordance with SMaRT® Sustainable Products Standard, led by the Institute for Market Transformation to Sustainability (MTS).

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

Contributes to the following LEED® credits:

#### Materials & Resources

Credit 4: Recycled Content (30% Pre-Consumer)

Credit 6: Rapidly Renewable Materials (83%)

#### Indoor Environmental Quality

Credit 4.3: Low-Emitting Materials (Listed on LEM Table)

Credit 4.1: Low-Emitting Materials (Adhesive complies with SCAQMD Rule #1168)

### 2.2 Impact Sound Reduction:

14 - 20db when tested in accordance with ISO 717-2, Impact Sound Insulation Test. Sound reduction is dependent on the gauge of Corkment Underlayment and floor covering used.

## 3. INSTALLATION

### 3.1 Site Conditions:

The installation should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive flooring should be clean, fully enclosed and weathertight with the permanent HVAC must be fully operational, controlled and set at a minimum of 68° F (20° C) for a minimum of seven days prior to, during, and seven days after the installation. The flooring material (including adhesive) should be conditioned in the same manner for a minimum of 48 hours prior to the installation. Areas to receive flooring shall be adequately lighted to allow for proper inspection of the substrate, installation and seaming of the flooring, and for final inspection.

### 3.2 Substrates:

Floors shall be sound, smooth, flat, permanently dry, clean, and free of all foreign material including, but not limited to, dust, paint, grease, oils, solvents, curing and hardening compounds, sealers, asphalt and old adhesive residue. Wood floors should be double construction with a minimum total thickness of 1 inch. Wood floors must be rigid, free from movement and have at least 18" of well-ventilated air space below. Forbo floor coverings should not be installed over wooden subfloors built on sleepers over on or below grade concrete floors without first making sure that adequate precautions have been taken to ensure the structural integrity of the system, and to prevent moisture migration from the concrete slab. Concrete substrates should be prepared in accordance with the latest version of ASTM F 710, Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring. Concrete shall have a minimum compressive strength of 3,000 psi. Patch and repair minor cracks and other imperfections using only the highest quality patching and leveling compounds in strict accordance to the manufacturer's recommendations for their use and application. Floor covering should not be installed over expansion joints. Suitable expansion joint covers should be used. It is essential that moisture tests be conducted on all concrete floors regardless of the age or grade level. Conduct calcium chloride tests in accordance with the latest version of ASTM F 1869, Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride. Measure the internal relative humidity of the concrete slab in accordance with the latest version of ASTM F 2170, Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes. One test of each type should be conducted for every 1,000 square feet of flooring (minimum of 3). The tests should be conducted around the perimeter of the room, at columns, and anywhere moisture may be evident. Concrete moisture vapor emissions must not exceed 8.0 lbs. per 1,000 square feet in 24 hours when using Forbo L 885 adhesive. Concrete internal relative humidity must not exceed 85% when using Forbo L 885 adhesive. A diagram of the area showing the location and results of each test should be submitted to the Architect, General Contractor or End User. If the test results exceed these limitations, the installation must not proceed until the problem has been corrected.

**Note:** Moisture tests indicate conditions at the time of the test only. The absence of an acceptable vapor retarder under the slab, changes in the environment, or other circumstances beyond Forbo's control, may lead to adverse changes in the moisture condition of the concrete. Forbo's warranty shall not be extended to cover damage or failures caused by moisture conditions in excess of specified limits that occur after the time of initial testing or installation.

### 3.3 Adhesive:

Use Forbo L 885 adhesive.

Use a 1/16" x 1/16" x 1/16" square notch trowel.

Spread Rate: Approximately 125 square feet/gallon.

### 3.4 Installation Guidelines:

Corkment Underlayment is installed with jute side upwards (exposed) and the cork surface adhered to the subfloor. Wherever possible, install the Corkment Underlayment at a right angle to the direction that the finished flooring will be installed. If the Corkment Underlayment and the finished flooring must be installed in the same direction, the seams should be off-set a minimum of six inches.

Wait a minimum of 24 hours before installing the finished floor covering. Install finished floor covering following all manufacturer's standard installation recommendations.

NOTE: The thickness of the Corkment Underlayment which is applied must never be thicker than the gauge of the actual floor covering itself.

Refer to Forbo Flooring's Installation Guide for complete installation guidelines.

## 4. AVAILABILITY AND COST

Available through authorized Forbo Flooring suppliers throughout North America. Contact Forbo Flooring or an authorized supplier for cost information.

## 5. WARRANTY

Limited 5-year warranty. For complete details, contact Forbo Flooring.

## 6. SUPPORT SERVICES

Submittal samples for verification and approval are available upon request from Forbo Flooring. Samples shall be submitted in compliance with the requirements of the Contract Documents. Please fax all sample requests to +570 450 0229 or visit our website at [www.forboflooringna.com](http://www.forboflooringna.com). Accepted and approved samples shall constitute the standard materials that represent materials installed in the project.

For current installation and floor care guidelines, guide specifications, and other technical information, visit our website at [www.forboflooringna.com](http://www.forboflooringna.com).