Platinum Underlayment

- Aluminum infused film creates our best water vapor transmission rating yet
- Superior acoustical absorption with our top STC AND Delta sound ratings to date
- Great density & firmness - producing the best flooring installation base ever
- Natural warmth of wool fiber blend - provides an excellent insulating value
- Premium antimicrobial treatment - Triclosan free to minimize allergens
- Transferable lifetime warranty when installed with your Bellawood floor

FOR USE BENEATH:
- Floating Laminate, Wood, Bamboo & Vinyl Plank Flooring – 5mm or thicker
- Glue-down or Nail-down Solid & Engineered Wood or Bamboo Flooring
- Click Ceramic Plank – 4 mm or thicker

Proudly made in the USA. Made from recycled materials.

Lumber Liquidators recommends Bellawood Platinum Underlayment for the best support, moisture protection, and sound absorption.

www.lumberliquidators.com
**ADVANTAGES**

- **Sound absorption.**
  Acoustic testing for a “Delta” score versus “Impact Insulation Class (IIC)” is a more reliable way to measure sound reduction for flooring products because there are fewer variables in the test. The “Delta” score zero in on how much sound deadening improvement an underlayment can provide versus other test methods that rely more on an enhanced ceiling assembly. Bellawood Platinum is hands-down our best “Delta” performing product yet! The special blend of fibers are randomly air-laid creating a capillary affect to cushion the floor, absorb sound, and help make laminate floors sound more like real wood. Helps to stop the transfer of noise to other rooms.

- **Moisture protection.**
  When installed properly, the recycled fibers can manage moisture vapor that can surfaces from concrete subfloors, allowing the concrete to “breathe”. This helps to prevent vapors from becoming bulk moisture while the new aluminum infused vapor barrier on Bellawood Platinum protects the overlying flooring from the harmful moisture, providing the best water vapor protection! Fibers are treated with a safe anti-microbial to inhibit mold and mildew.

- **Smoothing out minor sub-floor imperfections.**
  Bellawood Platinum Underlayment is firm enough to support the flooring’s click-together mechanism, but flexible enough to form around sub-floor surface roughness that may otherwise cause planks to “rock” or lay unevenly.

- **Adding insulation value.**
  Everyone knows that wool sweaters and blankets are the warmest you can get. With that in mind, we’ve created a Unique wool and synthetic fiber blend provides insulating benefits with our best R-value yet!

- **Multipurpose.**
  Bellawood Platinum Underlayment can be used over NWFA (National Wood Flooring Association), and NALFA (North American Laminate Flooring Association) approved subfloors. Always read and follow the finished floor manufacturers recommendations for subfloor preparation.

- **Economical Alternative to Rubber and Cork.**
  Bellawood Platinum Underlayment is ideally priced as a quality upgrade from 2 in 1 polyethylene or polystyrene products and is less costly than most froth foam, cork or rubber underlayments with similar sound numbers.

**ENVIRONMENTAL ATTRIBUTES**

- Certified by Scientific Certifications Systems (SCS) to contain 90% post industrial/pre-consumer fibers. Can satisfy LEED™ points and can contribute to MRc4.1-4.2 credits.
- Indoor Air Quality Certified through SCS and conforms to the Collaborative for High Performance Schools (CHPS) – CA Section 01350.

**PACKAGING**

Bellawood Platinum Underlayment is available in 3’ x 33.4’ (100 sq ft) do-it-yourself size rolls

**INSTALLATION**

Refer to the Bellawood Platinum Underlayment Installation Guidelines document for complete installation details.

---

**APPROVED SUBSTRATES**

- Dry, completely cured concrete (at least 28 days old)
- Concrete and masonry blocks
- Cement backer units (CBU)
- Cementitious screeds, leveling coats and mortar beds
- Waterproofing and crack-isolation membranes
- Wood, plywood, or OSB subfloors that meet NWFA Subfloor Guidelines and Specifications, and meet applicable building codes.
- Cement terrazzo floors
- Vinyl composition tile (VCT) or non-cushioned sheet vinyl provided the existing floor covering is still adhered tightly to a level, even and structurally solid subfloor.

---

**TECHNICAL DATA**

**Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>0.10</td>
</tr>
<tr>
<td>Thickness</td>
<td>0.10&quot;</td>
</tr>
<tr>
<td>Density</td>
<td>19.17 lbs / ft3</td>
</tr>
<tr>
<td>Compression Resistance @ 50%</td>
<td>219.6 psi</td>
</tr>
<tr>
<td>Compression Resistance @ 30%</td>
<td>37.0 psi</td>
</tr>
<tr>
<td>Compression Resistance @ 25%</td>
<td>23.2 psi</td>
</tr>
<tr>
<td>Compression Resistance @ 10%</td>
<td>18.8 psi</td>
</tr>
<tr>
<td>Breaking StrengthLength 78.4 lbs; Width 63.3 lbs</td>
<td>Compression Set @ 25%</td>
</tr>
</tbody>
</table>

**Flammability**

Meets or exceeds Federal Flammability Standard: 1-70 (Pill Test) and ASTM E84 Steiner Tunnel Test.

**Volatile Organic Compounds (VOC)**

Tested for 81 different off-gas compounds in accordance with CA 01350. Passed to the level of Collaborative for High Performance Schools (CHPS) and Office Spaces.

**Product Emissions**

Passed the most rigorous emissions test: Section 01350 for CHPS and Standard Office Sound Properties.

**Sound Properties**

**Impact Sound Transmission.** The method is designed to measure the impact sound transmission performance of a floor-ceiling assembly in a controlled laboratory environment.

<table>
<thead>
<tr>
<th>IIC</th>
<th>Floating</th>
<th>Sub-Floor</th>
</tr>
</thead>
<tbody>
<tr>
<td>71</td>
<td>Laminate</td>
<td>6” concrete with ceiling assembly</td>
</tr>
</tbody>
</table>

**Delta IIC** is an impact sound test that more directly evaluates acoustic performance properties of underlayments based on the difference of acoustical performance with the entire flooring assembled on top of the subfloor and of the sub-floor only.

<table>
<thead>
<tr>
<th>Delta IIC</th>
<th>Floating</th>
<th>Sub-Floor</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Laminate</td>
<td>6” concrete</td>
</tr>
</tbody>
</table>

**Sound Transmission Loss.** The sound-insulating property of a partition element is expressed in terms of the sound transmission loss.

<table>
<thead>
<tr>
<th>STC</th>
<th>Floating</th>
<th>Sub-Floor</th>
</tr>
</thead>
<tbody>
<tr>
<td>67</td>
<td>Laminate</td>
<td>6” concrete with ceiling assembly</td>
</tr>
</tbody>
</table>

**MOISTURE ABSORPTION PROPERTIES**

Moisture Absorption Approx. 650% by weight

Moisture Statement. Bellawood Platinum Underlayment™ will absorb and allow dispersion throughout the product of water moisture in accumulations not exceeding one gallon per 24 hrs per 300 square feet of product and/or allowed to continue to accumulate for more than 7 days. Actual in-house tests have shown results up to 5 times that amount.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Vapor Transmission Rate</td>
<td>0.10</td>
</tr>
<tr>
<td>Moisture Emission Rate</td>
<td>10lbs / 1000 s.f. / 24hrs</td>
</tr>
</tbody>
</table>