Bellawood® Platinum Underlayment

The ONE underlayment you need for

• Floating Laminate & Engineered Wood
• Glue-down Wood
• Nail-down Wood

The ONE underlayment choice for

• Superior Noise Suppression
• Protection from Harmful Moisture
• Environmental Respect

Bellawood Platinum Underlayment™ Features & Benefits

• 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
• A “green” product manufactured from recycled content
• No offgassing from Volatile Organic Compounds (VOCs)
• Qualifies for LEED points
• Tough 5-mil moisture barrier
• Malleable to better seal around mechanical fasteners
• Specifically formulated for optimal bond with adhesives

Bellawood Platinum Underlayment™ Product Specifications

• For commercial and residential use
• Installs over many existing floors or new substrates
• Suitable over most types of industry-approved sub-floors
• 1/8” (3mm) gauge
• 100 sq. ft. rolls = 36” x 33.4’ retail size

Versatile options with One Underlayment!

Float It
Nail It
Glue It

100 sq. ft Roll (3’ x 33.3’)

BELLAWOOD Platinum Underlayment

The ONE underlayment you need for

• Floating Laminate & Engineered Wood
• Glue-down Wood
• Nail-down Wood

* for floating engineered wood over 6 inch concrete with suspended ceiling

Made in the U.S.A.

BELLAWOOD®

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Concrete subfloors:

Prior to installation the moisture content of concrete should not exceed 4% or 2% for areas subject to freezing. **Calcium chloride test ASTM F 1869** is recommended in areas subjected to heavy rolling loads.

**GENERAL INFORMATION:**

Moisture: All sub-floor assemblies should be tested for moisture before installing your flooring products.

Wood subfloors:

Using a species specific moisture meter (Tramex, Lingo-Mat, or Delmhorst) determine if conditions are dry before installing. Wood subfloor moisture readings must not exceed 12%; the ideal moisture content within new solid wood flooring is 6%-9%. The differential balance between the wood flooring and subfloor must not exceed 4% or 2% for board widths over 2 1/4". If moisture readings are too high, postpone the installation until proper conditions are met.

Concrete subfloors:

Prior to installation the moisture content of concrete must be measured. Concrete must be dry to 90 days old. Moisture testing only establishes the presence of moisture at the time of measurement. Of greater concern is future moisture transferring up through the slab into the surface, therefore the use of a moisture barrier is necessary.

CONCRETE SLAB MOISTURE TESTING METHODS

Calcium chloride test ASTM F 1869, a quantitative test used to determine the amount of moisture in the slab. The emission of moisture must not exceed 6 lbs per 1,000 sq ft in 24 hours. Testing kits are available at most flooring tool supply distributors.

**Rapid (RH) testing method ASTM F2170:** a test for relative humidity within the slab. The results shall not exceed 75% at the time of testing.

Bellawood Platinum Underlayment is designed to be installed in enclosed areas where temperatures will not fall below 55°F or go above 100°F. The underlayment and adhesives must be conditioned at 70 degrees Fahrenheit with the relative humidity between 25 % and 65% for at least 24 hrs before and 72 hrs after installation. Product is NOT recommended in areas subjected to heavy rolling loads.

In order for any isolation barrier to be effective a certain amount of compressibility/deflection is required and to be expected when installing any flooring over an underlayment. This deflection may cause mild squeaking or "floor noise", especially in nail-down applications. "Excessive squeaking or Floor Noise" can result from; loose or unlevel subflooring or improper installation methods and is not considered a product defect.

**BELLAWOOD PLATINUM UNDERLAYERMENT APPLICATION**

**NAIL DOWN INSTALLATION:**

bamboo products:

1. Roll the Bellawood Premium Underlayment out with overlap edge facing your starting wall (cut off flap) and the vapor barrier film (film side) facing up, and trim to fit the perimeter of room using a sharp utility knife maintaining a ¼" gap at perimeter.
2. Roll out next row in same manner butting underlayment close to first row (do not overlap padding) seams should be butted together leaving no gaps or overlaps.
3. Remove the tape strip and secure the overlapping moisture barrier film.
4. Install flooring according to the flooring manufacturer’s installation instructions.

*Low profile Floors: Wood flooring products need to be a minimum of 3/8" thickness in nail down applications over Bellawood Premium Underlayment

DOUBLE STICK INSTALLATION:

For low profile solids, engineered, ½ Virginia Milwork’s Abort installed for glue down) and bamboo flooring.

Surface must be clean, dry and free of contaminants and sealers.

1. Roll the Bellawood Platinum Underlayment out with overlap edge facing your starting wall (cut off flap) and the vapor barrier film (film side) facing up, and trim to fit the perimeter of room using a sharp utility knife maintaining a ¼" gap at perimeter. Cut the flap off each row for this glue down application.

2. Use a 75 or 100 lb three section roller to secure Bellawood Platinum Underlayment to substrate prior to installation of finished flooring.
3. Install flooring according to the flooring manufacturer’s installation instructions.

*Prior to installation of finished flooring. Due to the various subfloors in structures, please consult with the flooring manufacturer for adhesive specifications and approved subfloor recommendations. Only use manufactured recommended adhesives/primers for adhesion of this underlayment to substrate and flooring product to the underlayment.

* Installations over concrete:

- Lumber Liquidators recommends moisture testing, and the use of moisture barriers.
- Wood floor adhesives alone are not moisture barriers.
- For the best results, do not mix adhesive products. Use moisture barriers and adhesives from the same manufacturer.

**FLOATING INSTALLATION:**

For installation of clic together, edge-glue floating engineered wood, clic bamboo, laminate (including those with attached cushions)

1. Be sure the sub floor surface is clean and dry.
2. Roll the Bellawood Platinum Underlayment roll out with overlap edge facing your starting wall (cut off flap) and the vapor barrier film (film side) facing up, and trim to fit the perimeter of floor using a sharp utility knife maintaining a 1/2” to 3/4” gap at perimeter.
3. Seams need to be butted together flush, do not overlap the pad. Roll out next row in same manner butting underlayment close to first row.
4. Remove the tape strip and secure the overlapping moisture barrier film.
5. Seal seams with duct tape or a quality strapping tape when cutting around obstacles or when end of roll seams are butted together.
6. Install flooring according to the flooring manufacturer’s installation instructions.

*Installations over concrete in high moisture areas (vapor emission rate above 6 lbs/ 1000 sq ft 24 hrs) will require additional protection such as our Mile poly moisture barrier.

**FLOATING SUBFLOOR APPLICATION:**

Bellawood Platinum Underlayment may be added as an isolation barrier to a free-floating plywood underlayment installation.

Floating Plywood Nailing Base: Install a floating plywood nailing base over concrete to receive nail-down wood flooring.

1. Lay 6 mil polyethylene sheet vapor barrier over concrete substrate. Overlap seams 6 inches and seal with duct tape.
2. Roll the Bellawood Platinum Underlayment roll out with overlap edge facing your starting wall (cut off flap) and the vapor barrier film (film side) facing up, and trim to fit the perimeter of floor using a sharp utility knife maintaining a ¼" gap at perimeter.
3. Seams need to be butted together flush, do not overlap the pad. Roll out next row in same manner butting underlayment close to first row.
4. Remove the tape strip and secure the overlapping moisture barrier film.
5. When cutting around obstacles or when end of roll seams are butted together seal seams with duct tape.
6. Lay one layer of 1/2 inch thick CDX exterior grade plywood over vapor barrier leaving 1/8 inch gap between panels.
7. Lay second layer of 1/2 inch thick CDX exterior grade plywood on a diagonal over first plywood layer again leaving 1/8 inch gap between panels.
8. Provide a minimum of 1/2-inch expansion space at the perimeter of room for normal-sized areas.
9. Screw plywood layers together in a 6 inch or staple pattern. Exercise care to not puncture sheet vapor barrier by using appropriate length fasteners.
10. Prior to installation of wood flooring, install 15 lb asphalt roofing felt underneath.
11. Install flooring according to the flooring manufacturer's installation instructions.

**RADIANT HEAT SYSTEMS:**

Please refer to the flooring manufactures and the radiant heat product installation instructions when installing over radiant heat systems.

Where do I find installation instructions or product warranty information?

TO OBTAIN ASSISTANCE WITH FLOORING PRODUCT INFORMATION, PLEASE CONTACT THE STORE OF ORIGINAL PURCHASE OR CONTACT CUSTOMER CARE AT 800-366-4204.

VISIT THE "FLOORING 101" OR www.lumberliquidators.com FOR INSTALLATION TIPS AND ADDITIONAL WARRANTY INFORMATION.