

# BellaWOOD®

## Platinum Underlayment



Proudly made in the USA.  
Made from recycled materials.



#### FOR USE BENEATH:

- Floating Laminate, Wood, Bamboo & Vinyl Plank Flooring (5mm or thicker)
- Glue-down or Nail-down Solid & Engineered Wood or Bamboo Flooring
- 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
- Premium antimicrobial treatment - Triclosan free to minimize allergens
- Transferable lifetime warranty when installed with your BellaWood floor

**LL Flooring** recommends *BellaWood Platinum Underlayment* for the best support, moisture protection, and sound absorption.

**LUMBER  
LIQUIDATORS**  
— IS NOW —  
**LL Flooring™**  
LLFlooring.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 zeros 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.

### • 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

• Contains 90% post industrial/pre-consumer fibers. Can satisfy LEED™ points and can contribute to MRc4.1-4.2 credits.

• GREENGUARD AND GREENGUARD GOLD certified for low emissions conforming to Indoor Air Quality standards and conforms to Collaborative for High Performance Schools (CHPS) - CA Section 01350.

## PACKAGING

Bellawood Platinum Underlayment is available in 3' x 33.33' (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

Blended synthetic and natural fibers.

Weight.....23 oz / sq yd (2.56 oz / sq ft)  
 Thickness.....0.10"  
 Density.....19.17 lbs / ft3  
 Compression Resistance @ 25%..... 23.2 psi  
 Compression Resistance @ 30%..... 37.0 psi  
 Compression Resistance @ 50%..... 219.6 psi  
 Breaking Strength.....Length 78.4 lbs; Width 63.3 lbs  
 Compression Set @ 25%.....18.8%

### 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. GREENGUARD GOLD certified for low emissions.

### 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.

IIC	Flooring	Sub-Floor
71	Laminate	6" concrete with ceiling assembly

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.

Delta IIC	Flooring	Sub-Floor
22	Laminate	6" concrete with ceiling assembly

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

STC	Flooring	Sub-Floor
66	Laminate	6" concrete with ceiling assembly

## 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.

Water Vapor Transmission Rate	0.10 grams per 100 square inches per day
Moisture Emission Rate	10lbs / 1000 s.f. / 24hrs