

BellaWOOD®

Premium 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
- Click Ceramic Plank – 4 mm or thicker

- Superior sound absorption for a quieter room
- Optimal moisture protection to protect your investment
- Premium antimicrobial treatment - Triclosan-free to minimize allergens
- Superb firmness & density to smooth out minor floor imperfections
- Added Insulation values to help lower energy costs
- Transferable lifetime warranty when installed with your Bellawood floor

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

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ADVANTAGES

• Sound absorption.

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 attached vapor barrier protects the overlying flooring from the harmful moisture. Fibers are treated with a safe anti-microbial to inhibit mold and mildew.

• Smoothing out minor sub-floor imperfections.

BellaWood Premium 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.

Provides a thermal break for the floor and extra insulation to the home.

• Multipurpose.

BellaWood Premium Underlayment can be used over NWFA (National Wood Flooring Association), and NALFA (North American Laminate Flooring Association) approved subfloors.

• Economical Alternative to Rubber and Cork.

BellaWood Premium 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

LIMITATIONS

BellaWood Premium Underlayment is not suitable for use as underlayment for:

- Ceramic tile
- Sheet-vinyl

Installations over concrete in high moisture areas (Vapor emission rate above 6 lbs/ 1000 sq ft/ 24 hrs) will require additional protection such as a concrete sealant or polyethylene vapor barrier.

Packaging

BellaWood Premium Underlayment is available in 3' x 33.4' (100 sq ft) do-it-yourself size rolls

INSTALLATION

Refer to the BellaWood Premium 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, and is free from excessive wax, grease or sealants

TECHNICAL DATA

Physical Properties

Blended synthetic 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%

R-Value (@0.125").....0.59 hr-ft2-degF/Btu (5.18/ inch)

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

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
72	Floating engineered wood	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
21	Laminate	6" concrete

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	Floating engineered wood	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	0.19
Moisture Emission Rate	6 lbs / 1000 s.f. / 24hrs