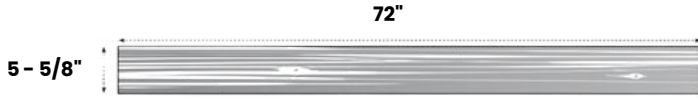


# Strandwoven™ BAMBOO FLOORING



Plank Size: 5-5/8" x 72" x 9/16

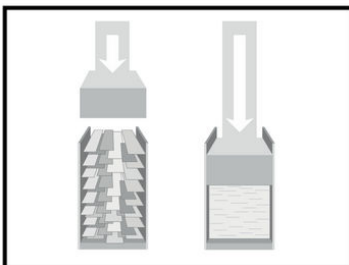


Finish: UV-cured acrylic commercial-grade urethane (or Unfinished)

## BAMBOO-PROCESSING



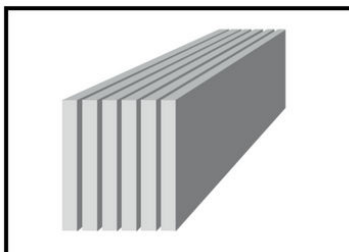
## COMPRESSION



Compressed



Bamboo Log X-Section



Milling

## Product Overview

**Strandwoven™ BAMBOO** is an extremely dense flooring made via shredding and compressing rapidly renewable bamboo poles. Bamboo, a grass, grows up to 60' in a couple months, but is left to internally mature until it is harvested on 5 year cycles. Over 3x the hardness of standard "Oak" hardwood flooring, and 2.5x its' stability, our Strandwoven Bamboo provides the life-cycle savings that other natural species can only dream of. Available in both through-body-colored versions (Light and Dark), and topically stained versions, durability and design are at your fingertips.

## Specifications

**Description:** A densified composite bamboo flooring plank made via the compression of shredded bamboo strands.

**Colors:** Light, Dark, Rustic, Ivory, Peat, Sand

**Finish:** 7 layers total – Seven coats of 100 percent solids, non-off-gassing, water-based urethane.

**Composition:** 100% bamboo

**Installation :** Bamboo Flooring and Accessories

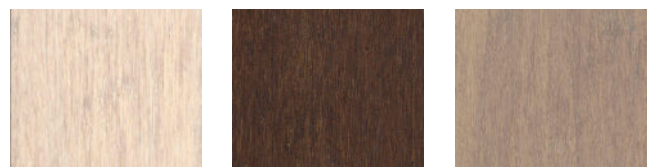
## Colors



Light

Dark

Rustic



Ivory

Peat

Sand



## Sustainable Attributes

- Bamboo is a rapidly renewable material (Species: Mao Tsu, Hairy Bamboo).
- Manufactured using low VOC and E0 Compliant adhesives and finishes.
- Finished with 7 coats of 100% solids, non-off-gassing, water-based urethane.
- Natural borate solution used to eliminate pests and mildew.
- High durability: hardness 3200 psi (Janka), abrasion resistance  $\geq 12,600$  cycles.
- Moisture content controlled: 5.47% average (ASTM D 4442).
- Formaldehyde emissions: 0.02 ppm Phenol avg. (ASTM E 1333).

## Environmental Certification

- Meets E0 compliance for adhesives/finishes (low formaldehyde).
- Indoor air quality protected by strict humidity/temperature requirements.
- Non-off-gassing finishes support healthy indoor environments.
- While not explicitly mentioning third-party certifications (like CARB, FSC, or FloorScore), the spec emphasizes low VOC and formaldehyde emissions.

## Green Building Certification

- Sustainable material (bamboo) contributes to LEED credits for rapidly renewable resources.
- Low VOC adhesives and finishes may qualify for LEED Indoor Environmental Quality credits.
- Durability and long lifecycle contribute to green building standards.
- Manufacturer emphasizes compliance with NFPA 101 Class I Interior Floor Finish (fire safety for green building).

## Product Testing Specifications

- ASTM D 1037 – Janka Hardness: 3200 psi (avg.).
- ASTM D 1037-99 – Dimensional Stability:  $< 0.00144$ .
- ASTM E 648 – Flammability: Class I Interior Floor Finish rating (NFPA 101).
- ASTM E 622 – Smoke Density: 270 (flaming), 330 (non-flaming).
- ASTM D 3501 – Compressive Strength:
- ASTM D 3500 – Tensile Strength: 15,300 psi parallel to grain.

**GET IN TOUCH**

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