

USFloors Natural Bamboo®

Product Information

Natural Bamboo grows in many regions of the world especially in warm climates where the earth frequently endures monsoons. Twenty percent of the world's Natural Bamboo grows in China, much of that in the wild. Today, due to increasing demand, it is being cultivated more and more in managed forests. In this region, Natural Bamboo is emerging as an important agricultural crop of increasing significance to struggling economies. Natural Bamboo is a member of the grass family. This fact goes a long way toward explaining several of Natural Bamboo®'s unique characteristics.

Maturing to a height of 20 meters or more 6 years, Natural Bamboo® is ready to harvest. In addition, like grass, cutting Natural Bamboo® does not kill the plant. An extensive root system remains intact, allowing for rapid regeneration. This quality makes Natural Bamboo® an ideal plant for areas threatened with the potentially devastating ecological effects of soil erosion. There are many species of bamboo. Tall and straight, Mao Zhu or Moso is the species of choice for flooring fabrication. Natural Bamboo® uses only exclusive and proprietary Moso6™ Natural Bamboo® with 6 years of maturity, selecting the base of the stalk for its superior strength and hardness. The remainder of these stalks becomes consumer goods such as chopsticks, plywood sheeting, furniture, window blinds, and even pulp for paper products. Nothing goes to waste in the processing of Moso6™ Natural Bamboo® flooring.

Manufacturing Process

- Following the harvesting, Natural Bamboo® Moso6™ process cut into strips. These strips go through a sterilization and antimicrobial process before placing it in large drying ovens to hasten their curing time. A stringent selection process ensures only premium strips will be used for Natural Bamboo®. Selected strips are stacked in layers and glued with an environmentally safe adhesive prior to pressing through a 1250-ton press to form panels from which flooring planks are milled. For convenience and durability Natural Bamboo®, flooring is pre-finished.

Features of Natural Bamboo Flooring

- **Eco Friendly:** Natural Bamboo® is environmentally correct. Renewable, recyclable and biodegradable, Natural Bamboo is as a true gem in modern sustainable architecture.
- **Healthy Alternative:** People are becoming increasingly aware of the influence our built environment has over health. Specifications of Natural Bamboo® have increased in response to rising concerns about indoor air quality, allergens, off gassing, and the presence of PVC is often associated with traditional building materials.
- **Durable:** In comparison to wood species, Natural Bamboo is 27% harder than oak and 13% harder than maple. Natural Bamboo® is composed of complex fibers that do not absorb moisture as easily as wood. Natural Bamboo® flooring guarantees not cup under customary and normal use. The 3-ply horizontal and vertical construction provides assurance that our Natural Bamboo® planks will not delaminate. A technically advanced aluminum oxide coating outlasts traditional finishes 3 to 4 times over. These features combine to make Natural Bamboo an exceptionally stable flooring material.
- **Natural Beauty:** Natural Bamboo® flooring boasts a unique appearance that is complimentary to many decors. Exotic and elegant, the beauty of Natural Bamboo® will enhance your interior while remaining true to its natural origins. Just like with any other natural product, differences in tone and appearance are to be expected. These variations establish the singular character that is your Natural Bamboo® floor.
- **Premium Quality:** The name Natural Bamboo® has always been associated with the highest standards of quality in the flooring industry. With the introduction of Moso6™ Premium quality Natural Bamboo® flooring and accessories we continue our commitment to supplying superior products. The best bamboo flooring produced today is Natural Bamboo®. USFloors highly recommends that cork underlayment installed with your Natural Bamboo flooring. Natural Cork® underlayment will provide both acoustic and thermal insulation while maintaining the highest environmental standards.

Green Building with Natural Bamboo®

- Natural Bamboo floors contribute to satisfying LEED credits for Rapidly Renewable Resources MR6.0 and Low Emitting Materials EQ 4.4 under the LEED Rating System. The determining factor for indoor air quality is the quantity of noxious emanations from volatile organic compounds in adhesives and finishes. The LEED (Leadership in Energy and Environmental Design) Green Building Rating System is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings as administered by U.S. Green Building Council. USFloors is a member of the USGBC.