

## Natural Bamboo®

## USGBC LEED

USFloors Inc. is an import manufacturer of quality flooring materials composed of environmentally correct sustainable resources. USFloors is the only foreign member of the Anji Bamboo Flooring Association controls every step of the manufacturing of its bamboo flooring in China. The harvesting and production of Natural Bamboo® bamboo flooring is in Anji, China's Zhejiang province where the largest concentration of Phyllostachis Pubescence bamboo grows. USFloors is also an active member and supports the USGBC in the national and in local chapters.

Natural Bamboo® flooring can contribute toward accumulating points in the following USGBC LEED categories:

### Materials & Resources

#### MR 6 – Rapidly Renewable Materials

1. Intent:
  - a. Reduce use of “long cycle” and finite raw materials.
2. Implementation:
  - a. Use rapidly renewable materials and products for 2.5% of total value of all building materials and products used (based on cost) harvested within a 10-year cycle or shorter
  - b. consider:
    - i. bamboo flooring
    - ii. wool
    - iii. cotton insulation
    - iv. cork flooring
    - v. linoleum flooring
    - vi. wheat board cabinets
    - vii. straw board
    - viii. agrifiber
3. Contribution:
  - a. Bamboo is in fact from the grass family and like grass; cutting bamboo does not kill the plant. An extensive root system remains intact, allowing for rapid regeneration.
  - b. Natural Bamboo® specifies Moso6™ mature 6-year premium moso bamboo. Many importers produce bamboo floors made with immature 3-5 year bamboo, which seriously diminishes the hardness of the bamboo making it unsuitable for commercial flooring applications.

### Indoor Environmental Air Quality

#### 4.4 - Low Emitting Materials - Composite Wood & Agrifiber

1. Intent:
  - a. Reduce the quantity of indoor air contaminants that are odorous, irritating, and or harmful to the comfort and well-being of installers and occupants.
2. Implementation:
  - a. Composite wood and Agrifiber products (MDF, particleboard, plywood, wheat board, strawboard, panel substrates, and door cores) used in interior of building shall contain *NO ADDED UREA FORMALDEHYDE RESINS*.
3. Contribution:
  - a. USFloors uses adhesives and coatings that exceed the acceptable emissions standards in the US today. USFloors uses a proprietary phenol-binding agent. In fact, the USFloors standards exceed EØ standards as well.