

## General Information

### 1. Environmental Certification

All Unique American Teak products are certified by the Forest Stewardship Council ©, the world's foremost independent certifying agency. Certification by the FSC requires forest product producers pass rigorous annual audits and is recognized by most world governments as the standard by which other certification agencies are measured.

#### Mission of the FSC:

The Forest Stewardship Council promotes environmentally appropriate, socially beneficial, and economically viable management of world forests.

**Environmentally appropriate** forest management ensures that the harvest of timber and non-timber products maintains the forest's bio-diversity, productivity and ecological processes.

**Socially beneficial** forest management helps both local people and society at large to enjoy long-term benefits and also provides strong incentives to local people to sustain the forest resources and adhere to long-term management plans.

**Economically viable** forest management means that forest operations are structured and managed so as to be sufficiently profitable, without generating financial profit at the expense of the forest resources, the ecosystem or affected communities. The tension between the need to generate adequate financial returns and the principles of responsible forest operations can be reduced through efforts to market forest products for their best value.

**See FSC at [www.fsc.org](http://www.fsc.org) for more information**

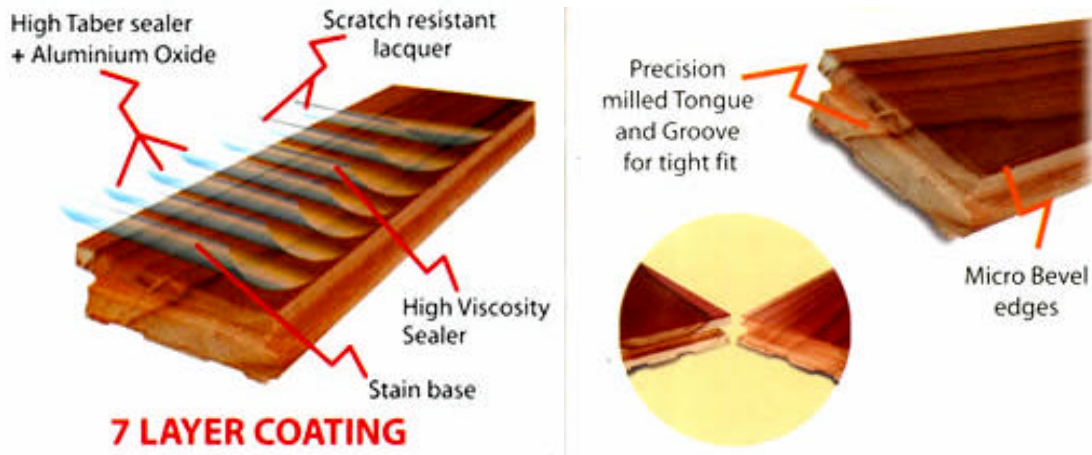
### 2. Physical Properties

<b>Name</b>	Teak ( <i>Tectona grandis</i> )
<b>Type</b>	Hardwood.
<b>Other Names</b>	Also known as Burma teak, Rangoon teak, moulmein teak, gia thi, jati sak, kyun, mai sak, rosawa, and many other local names.
<b>Sources</b>	Grows in Indonesia, India, and Central America.
<b>Appearance</b>	Generally straight grained with a coarse, uneven texture, medium luster and an oily feel. Yellow brown to dark golden brown heartwood and grayish or white sapwood. Plantation teak tends to be lighter in color but contains the same dimensional stability properties.
<b>Physical Properties</b>	Moderately hard and heavy, with low stiffness and shock resistance, moderate bending strength, moderate steam bending, <b><u>and excellent decay resistance and dimensional stability.</u></b> Good acid resistance.
<b>Uses</b>	Has numerous uses including ship building (especially decks), indoor or outdoor furniture, high class joinery, flooring, paneling, plywood, decorative veneers, turnery, carving, chemical tanks and vats.
<b>Hardness</b>	<b>Teak scores 1100 on the JANKA scale (an industry recognized measure of relative hardness). <u>For comparison:</u> Cherry – 950, Douglas Fir – 950, Walnut – 1010, Hickory – 1225, Red Oak – 1290, White Oak – 1360.</b>

NOTE: ANY solid wood product, **regardless of hardness or species**, can be damaged through normal wear and tear. Such damage is normal and does not detract from the character and feel of the floor.

### **3. Technical Specifications and Warranty.**

Unique American Teak is pre-finished using state of the art equipment and comes with a 15 year “wear through” warranty. However, as a natural wood product, there will be variations in color and grain.



Product comes in “Random Lengths” with 13 sqft per box in the following proportions:

**48” – 3 pieces, 36” – 3 pieces, 30” – 4 pieces, 24”  
– 4 pieces, 18” – 4 pieces, 12” – 3 pieces**

### **4. Warranty**

Unique American Teak floorings are designed and produced using the most advanced technology and the strictest quality controls in each step of the manufacturing process. When installed using the specified materials and following the manufacturer’s and distributor’s instructions, we feel confident and proud to back our products with our comprehensive 15 YEAR LIMITED GUARANTEE PROGRAM, that includes

#### **PRODUCT:**

The goods meeting all established quality standards specified for each product category.

#### **LIFETIME STRUCTURE:**

The flooring to be free of any manufacturing defects caused by improper milling, grading, assembling, staining or coating.

#### **MOISTURE:**

The flooring to remain structurally sound under normal moisture conditions if the maintenance and installation guidelines are properly followed to include acceptable pre-installation moisture content of slab/sub-floor.

#### **FINISH:**

Our “ULTRA-WEAR” factory applied UV cured surface finish on the pre-finished hardwood floor will not wear through or separate from the wood for 15 years, from the date of purchase, when used under normal residential traffic conditions or as long as you follow the manufacturer’s recommended maintenance procedures.

## Installation Specifics

As teak is the most dimensionally stable wood in the world, it can be glued directly to a cured concrete sub-floor using Bostick's BEST (or equivalent) provided it meets industry standards for hydrostatic head (moisture) and minimal surface variations.

1. **Estimating:** Bids should be based upon total square feet used and include a 5% waste factor to allow for "odd shaped" areas.

### 2. Sub Floor Condition:

- Concrete shall be level (within 1/8" per 10 feet) and free of major humps or dips. Repairs of minor variations, not to exceed 25 lbs of "leveler" per 200 sqft, are included in installation price. Acceptable moisture levels should be less than 11% as measured by electronic meter, less than 3 lbs hydrostatic head (calcium chloride method) or using field methods (sample areas covered in 4 sqft of clear plastic for 24 hour period).
- Wooden sub-floors shall level (within 1/8" per 10 feet), free of major humps or dips and free of protruding nails.

### 3. Adhesives:

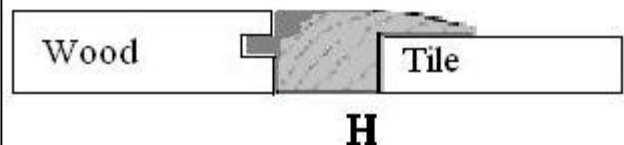
Flooring products installed over concrete floors shall be glued (100% coverage) using a water-based urethane adhesive (Bostick's BEST or equivalent) that provides a moisture vapor barrier from the sub floor. Provided previously stated moisture levels are adhered to, Bostick's provides a MINIMUM 1 year warranty. SIKA MB Primer (sealer) and SIKA T-55 (Adhesive) can also be used.

- Wooden sub-floors may be glued (100% coverage) or nailed to depending upon builder preferences. Glue down application will be using Roberts 1404 or equivalent.

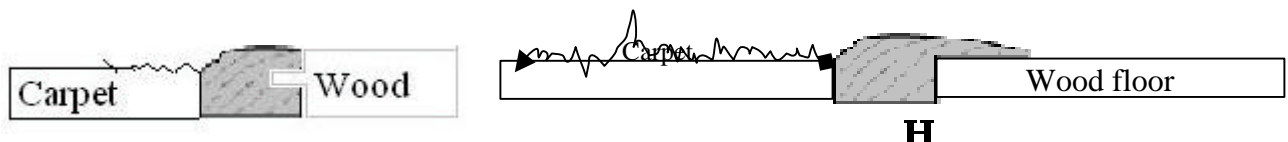
### 4. Transitions & Thresholds:

- Transitions to tiled or carpeted areas can be manufactured (usually on site) using matching flooring materials.
  - Transitions to tile will overlap no less than 1/2" and will be lower than ADA standards for height (less than 1/8") between flooring types.

Normal installation.  
Note: Some transitions may require a "T-molding but will still be manufactured using base material



- Transitions to carpeted areas
  - Transition used will depend upon direction of floor and to enhance visual impact.



For more information or pricing:

Eco-\$mart, Inc - [www.ecosmartinc.com](http://www.ecosmartinc.com) - 888-329-2705

All Eco-\$mart products carry the approval of the nonprofit Florida House Institute for Sustainable Development