



## General Information

### 1. Environmental Certification

All Eco-\$mart 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.