



## Eco-Smart, Inc. Earth-friendly Flooring



### TEAK Botanical Information



#### NATURAL TEAK (Engineered)

#### HONEY TEAK (Engineered)

**Name:** Teak (*Tectona grandis*)

**Type:** Hardwood.

**The Tree:** A large canopy tree with heights over 100 feet and 40 plus inches in diameter.

**Other Names:** Also known as Burma teak, Rangoon teak, moulmein teak, gia thi, jati sak, sak, rosawa, and many other local names.

**Sources:** Grows in Indonesia, India, and Central America.

**Appearance:** 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.

**Physical Properties:** Moderately hard and heavy, with low stiffness and shock resistance, moderate bending strength, moderate steam bending, **and excellent decay resistance and dimensional stability.** Good acid resistance.

**Uses:** 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.

**Hardness:** Teak scores **1050 on the JANKA** scale (an industry recognized measure of relative hardness). **For comparison:** Cherry – 950, Douglas Fir – 950, Walnut – 1010, Hickory – 1225, Red Oak – 1290, White Oak – 1360.

NOTE: Not recommended for homes with dogs greater than approximately 30 pounds because of the potential for “scratching” the wood if the dogs nails are not well-groomed.



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