

TEAK BEAZILIAN - A DURABLE, STRONG, AND VERSATILE HARDWOOD

Characteristics

Family

Dipterocarpaceae

Name

Shorea laevis

Clour

Yellow brown

Cross grain

Slight cross grain

Tangential Shrinkage

9,50%

Radial Shrinkage

4,20%

RT/RR Ratio

2,3

Stability

Moderately stable

Fungal resistance

Enduring

Durabilité termites

Enduring

Density

910 kg/m³

Elastic modulus

22940 Mpa





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Teak Beazilian, is a naturally durable hardwood species commonly found in Latin America and Asian countries and has been a popular choice for outdoor decking, cladding & outdoor applications for over 30 years. Its interlocking grain provides a smooth, even texture. It ensures a long maintenance-free service life, which puts Teak Beazilian on par with other popular species such as Ipe. Teak Beazilian is the perfect fit for many outdoor decking possibilities. How will you use Teak Beazilian?

On top of being known for its strength and durability, Teak Beazilian also has a reputation for being blemish and knot-free. This boasts high durability and allows for low-maintenance beauty over its service life. Teak Beazilian is also naturally resistant to things such as decay, insects, and fungus. This species is a great candidate for oceanfront and marine environment applications such as decks, and boardwalks, as well as residential and commercial applications.

Teak Beazilian's stunning golden, brown, and red tones offer a unique color range that not only makes the wood stand out on its own but also blends beautifully with the natural surroundings of any outdoor project. When exposed to sunlight, Teak Beazilian will darken to a warm mahogany color and eventually weather to a beautiful, maintenance-free silver patina if left unfinished.

Species of Wood: TEAK BEAZILIAN

Photosensitivity: Moderate

Density: 930 (KG/m³)

Janka Hardness: 1,798 (pounds)

Modulus of Rupture (MOR): 20,950 (psi)

Modulus of Elasticity (MOE): 2,900 (1000 psi)

Grade: Std + Btr

Grain: All Heart

Usage: S4S E4E

Condition: KD

Weight per 1000 SF or BF: 2950 lb

Size Description: (20mm x 90mm)

Nominal Size: 1.250 x 6.000

Net Size: 0.984 x 5.472





Detailed scientific and mechanical properties of Teak Beazilian wood

Teak Beazilian wood has brownish-yellow heartwood and light brown sapwood. Its grain can be straight or interlocked, featuring a glossy and smooth texture. Teak Beazilian has great durability as well as great hardness, with a Janka hardness rating of 1798. Teak Beazilian has long been used both for finer uses such as outdoor Cladding, Decking, outdoor furniture & flooring, but for heavy-duty uses as well, such as marine and heavy construction. A great all-rounder, Latin American Teak Beazilian hardwood flooring is a beautiful choice.

Teak Beazilian, is a popular species used for decking, cladding, and siding applications primarily in the US & Europe. An outstanding hardwood with incredible durability and strength, Teak Beazilian rivals Ipe from South America in terms of its longevity and mechanical properties.

Teak Beazilian Lumber Scientific Properties and Technical Specifications

- Janka Hardness: 1,798 pounds
- Modulus of Rupture (MOR): 20,950 psi
- Modulus of Elasticity (MOE): 2,900 1000 psi
- Density AD 14% to 20%+(avg) (KG/m3): 950-900
- Density KD 8% to 12%+(avg) (KG/m3): 900-850
- Color: Heartwood is brownish yellow with light brown sapwood.
- Photosensitivity: Moderate
- Tangential Shrinkage: 9.3%
- Radial Shrinkage: 4.2%
- Condition: KD
- Weight per 1000SF or BF: 2950 lb
- Tree Characteristics:
- Geographic Area: Latin American
- Texture: Smooth
- Grain: Straight or interlocked
- Luster: Glossy
- Durability Rating: Rated as durable.
- Drying Characteristics: Somewhat difficult to dry, and requires careful conditioning during drying.
- Working Characteristics: Difficult to cut, plane, and sand - similar to Ipe.
- Applications: Decking, Cladding, siding, outdoor furniture.

