

# TATAJUBA

**Tatajuba** (*Bagassa guianensis*) is a tropical wood native to the Amazon forest. It is known for its high resistance and natural beauty. Its colour is that of freshly sawn heartwood, which ranges from bright yellow to golden yellow.

Over time, it darkens into golden and olive tones upon exposure to light.(LOOK AT THE LAST PICTURE). However, this wood merges **refined aesthetics and high performance**, making it ideal for both indoor and outdoor applications.

**Excellent durability:** Tatajuba naturally resists insects, fungi, and decaying agents, maintaining its integrity over time. For this reason, it has been reported to be durable to very durable regarding decay resistance.

**Mechanical resistance:** It is robust and compact. It supports significant loads without easily deforming.

**Versatility of use:** It is suitable for decking, cladding, fixtures, garden furniture, cabinetry, veneer, and boatbuilding.

**Aesthetic appearance:** Its warm tones and elegant grain give prestige and naturalness to any environment. Furthermore, it has an interlocked grain with a medium and uniform texture, which gives it a good amount of natural luster.

**Maintenance:** Although hard and resistant, Tatajuba is easily worked with appropriate tools and maintains its finishes over time.



## SLATS WITH A THICKNESS OF 21 mm x A WIDTH OF 100 mm



### FEATURES:

**Commercial name:** Tatajuba

**Botanical name:** *Bagassa guianensis*

**Origin:** South America (Brazil, Guyana, Suriname, etc.)

**Colour and appearance:** Bright yellow that turns brown-gold/olive over time

**Grain and texture:** Medium, sometimes irregular fibers.

**Specific weight:** About 800–950 kg/m<sup>3</sup> (at 12% humidity)

**Hardness:** High (comparable to Ipè, but more workable)

**Dimensional stability:** Good, but tends to move a bit with variations in humidity.

**Natural durability:** Very high (class 1–2: resists well against atmospheric agents, fungi, and insects)

## MECHANICAL PROPERTIES:

**Tree Size:** 65-100 ft (20-30 m) tall, 2-3 ft (.6-1 m) trunk diameter

**Average Dried Weight:** 50 lbs/ft<sup>3</sup> (800 kg/m<sup>3</sup>)

**Specific Gravity (Basic, 12% MC):** .68, .80

**Janka Hardness:** 1,720 lbf (7,650 N)

**Modulus of Rupture:** 17,930 lbf/in<sup>2</sup> (123.7 MPa)

**Elastic Modulus:** 2,752,000 lbf/in<sup>2</sup> (18.98 GPa)

**Crushing Strength:** 11,440 lbf/in<sup>2</sup> (78.9 MPa)

### Shrinkage:

Radial: 4.4%

Tangential: 5.9%

Volumetric: 9.6%

T/R Ratio: 1.3%

