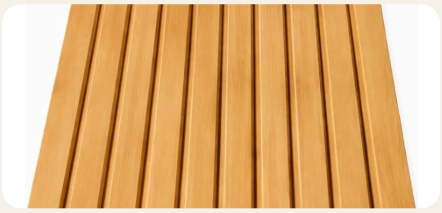
TAUARI SOLID WOOD SLAT WALL PANELS AND CEILINGS

Tauari

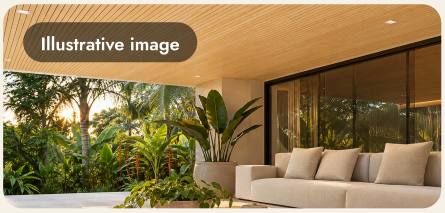
Couratari spp. · family Lecythidaceae

Natural look, visual lightness and a refined finish.

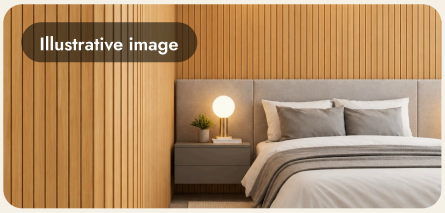
Light, even and calm. Tauari brings lightness to a space and pairs well with light palettes, clean lines and natural light. It takes varnish very well and has a smooth, refined feel.



Tauari 2x1 slat, 2 cm face with a 1 cm reveal



Tauari ceiling on a covered porch



Tauari 4x1 slat wall panel in a bedroom

Identification

Trade name	**Tauari**
Botanical name	***Couratari spp.***
Family	**Lecythidaceae**

Other names: Trade name covering species of the genus Couratari, such as C. oblongifolia, C. guianensis and C. stellata.

Color and grain

Heartwood from yellowish white to light beige, with little difference from the sapwood. Straight grain, medium texture and a uniform look, without strong contrasts.

Reference values for the species

Density at 12% moisture, about 38 lb/ft³	**610 kg/m³**
Janka hardness parallel, at 12%, about 1,195 lbf	**5,315 N**
Bending strength modulus of rupture at 12%, about 12,900 psi	**88.8 MPa**
Radial and tangential shrinkage COPANT standard, volumetric 10.9%	**4.2% and 6.6%**
Natural durability for this reason, interior and covered outdoor areas only	**Low**

Source: IPT, Tauari data sheet, Couratari oblongifolia. The name Tauari covers several species of the genus Couratari. Values refer to one reference species and vary from one species to another.

Density	Hardness	Stability	Natural durability
Medium	**Good**	**Good, with proper drying**	**More limited**

Comparative rating among Cumaru, Teak and Tauari; not a certification.

Use recommendations

- ✓ Interior
- ✓ Covered outdoor area
- — Facade and exposed area: not recommended

Visual lightness · Refined finish · Interior and covered outdoor areas.

BTO products in Tauari

Models	**2x1, 4x1 and 8x1** 2, 4 or 8 cm face + 1 cm reveal
Thickness	**10 or 15 mm**
Piece and box	**2.00 m · 0.6 / 0.8 / 0.9 m²**
Finish	**factory varnished or unfinished**
Minimum order	**100 m² of the same wood**

Drying and moisture

The wood goes through industrial kiln drying before machining: controlled drying removes excess moisture and helps minimize movement, warping and cracking. Solid wood keeps expanding and contracting with the climate: acclimate the pieces on site for at least 72 hours, out of the boxes, and leave a 1 cm (3/8 in) gap at the sides.

Installation guidelines

- Firm, dry substrate with no water infiltration; building closed in and dry.
- Treated wood battens every 30 to 45 cm (12 to 18 in), leveled.
- PU adhesive and one pin on each batten; staggered end joints over a batten.
- On ceilings, the wood goes directly on the battens, with no drywall.
- Interior and covered outdoor areas only; never on facades or exposed areas.
- Varnish on all faces, before installation.
- Technical support from the factory and installation manuals.

Maintenance

Clean with a soft, slightly damp cloth; mild soap if needed. No abrasives, solvents or bleach. Reapply varnish at the frequency recommended by the varnish manufacturer: when water no longer beads on the surface, it is time. Outdoors, with sun and rain, maintenance is more frequent. A light sanding with fresh varnish brings the surface back to a like-new look.

Origin and warranty

Solid wood purchased with Brazil's Forest Origin Document (DOF); traceability follows this documentation. 5-year warranty from the BTO invoice date against manufacturing defects, under the warranty terms for the Solid Wood Slat Panel.

Notes and limitations

- Technical values are reference values for the species, published in technical literature; they are not tests of the BTO product nor a guaranteed specification. They vary with origin, lot, moisture, grading and drying.
- The name Tauari covers several species of the genus Couratari; values are for Couratari oblongifolia.
- Color, grain, knots and small end checks vary between pieces and lots, and light changes the tone over time: these are inherent to solid wood.

Sources: IPT, Institute for Technological Research, Brazil. Wood information: Cumaru, Teak and Tauari. https://madeiras.ipt.br/ · Brazilian Forest Service, LPF (Forest Products Laboratory). Brazilian Woods Database, 2026. https://lpf.florestal.gov.br/pt-br/bd-madeiras-brasileiras · Cirad and ITTO. Tropix 7, data sheets for Cumaru, Teak and Tauari, 2026. https://tropix.cirad.fr/ · Procopio, L.C.; Secco, R.S. O exemplo do tauari (Couratari spp. e Cariniana spp.) [in Portuguese]. Acta Amazonica, v. 38, 2008. https://doi.org/10.1590/S0044-59672008000100005 · BTO. Installation manual and warranty terms for the Solid Wood Slat Panel, version of October 24, 2026. www.btowood.com/manuais/en/manual-instalacao-garantia-painel-ripado-madeira.pdf