



MARIPOSA HARDWOOD TIMBER FLOORING DATA SHEET – Jatoba

Family: Leguminosae Courbaril.

Also Known as: Cuapinol, Guapinol (Mexico), Guapinol (Central America), Locust, Kawanari (Guyana), Rode lokus (Surinam), Algarrobo (Spanish America), Jatahy, Jatoba (Brazil).

Grown: Southern Mexico, throughout Central America and the West Indies to northern Brazil, Bolivia, and Peru. The tree's best development is on ridges or slopes and high riverbanks.

The Tree: May grow to a height of 40M with trunk diameters of 1.5 to 1.8M; usually less than 35M high with diameters of .6M to 1.2M. Boles are well formed, often clear for 13M to 25M, and basally swollen or buttressed in large trees.

General Characteristics: Heartwood is salmon red to orange brown when fresh, becoming russet to reddish brown when seasoned; often marked with dark streaks. Sapwood is usually wide; white, gray, or pinkish. Texture is medium to rather coarse; grain mostly interlocked; golden lustre; without distinctive odour or taste.

Density: Basic specific gravity (oven dry weight/green volume) 0.68; air-dry density 804 kg/M3.

Mechanical Properties: (50mm standard)

TEST	GREEN	KILN DRIED & CONDITIONED
Moisture Content	37%	8-12%
Bending Strength	904 kg/cm ²	1182 kg/cm ²
Modules of Elasticity	142,050 kg/cm ²	156,820 kg/cm ²
Maximum Crushing Strength	476 kg/cm ²	594 kg/m ²
Janka	6.70 kN	8.60 kN

Drying and Shrinkage: The wood is rated as slightly difficult to air-dry; it seasons at a fast to moderate rate with only slight checking and warp. Shrinkage green to kiln dry: radial 4.5%; tangential 8.5%; volumetric 12.7%-values are low for a wood of this density.

Working Properties: The wood is moderately difficult to saw and machine largely because of its high density, but except in planing it can be machined to a smooth surface. The wood is somewhat difficult to plane because of the interlocked grain. It is easy to glue and finish satisfactorily; steam-bending properties comparable to white oak.

Durability: Laboratory evaluations rate the wood very resistant to brown-rot and white-rot fungi; actual field exposure trials also rate the wood as very durable. Heartwood is also rated very resistant to dry-wood termites; little resistance to marine borers.

Preservation: Heartwood is not treatable using open-tank or pressure-vacuum systems. Sapwood, however, is responsive.

Uses: Tool handles and other applications where good shock resistance is needed, steam-bent parts, flooring, turnery, furniture and cabinet work, railroad crossties tree-nails, gear cogs, wheel rims, and other specialty items. Tree exudes a rosin-like gum known commercially as South American copal. Seed pods contain an edible pulp.

Product Code	Available Range	Dimensions
TW006	Trendwood Classic – Jatoba	10mm x70mm
TWH06	Trendwood Herringbone – Jatoba	10mm x 70mm x 280mm
TW006PLUS	Trendwood Plus - Jatoba	15mm x 90mm
TW106	Trendwood Premium - Jatoba	20mm x 127mm
TW206	Scotia – Jatoba	19mm
TW306	Nosing Classic – Jatoba	20mm x 70mm
TW306PLUS	Nosing Plus - Jatoba	20mm x 90mm
TW406	Reducer – Jatoba	10mm x 2mm x 70mm
TW506	Skirting - Jatoba	10mm x 70mm

How to specify your Mariposa Hardwood Floor:

- Product Code - Species – Range** eg: TW006PLUS – Jatoba – Trendwood Plus
- Number of Square metres – allow up to 5% wastage**
- Accessories – Nosing for any stairs, scotia or skirting for perimeter**

A large range of other products can also be manufactured in Jatoba on request.

Included are unfinished strip flooring, inlays, borders, & medallions Minimum order quantities apply. Please consult your local Mariposa Hardwood Flooring expert for assistance in converting your design requirements to a beautiful solid timber floor by Mariposa.

Mariposa Group Pty Ltd

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