

# Jatoba (Central South America)

Specification sheet



JATOBA

<b><u>Other Name(s):</u></b>	Locust, Courbaril
<b><u>Scientific Name:</u></b>	Hymenanea courbaril
<b><u>Distribution:</u></b>	Central South America
<b><u>Average Dried Weight:</u></b>	910kg/M3
<b><u>Durability:</u></b>	Moderately Durable
<b><u>Janka Hardness:</u></b>	11.9 (kN)
<b><u>Modulus of Rupture/Bending Strength</u></b>	( 155.2 MPa)
<b><u>Modulus of Elasticity/ stiffness:</u></b>	(18.93 GPa)
<b><u>Strength:</u></b>	9 ( on scale 1-10 )

## Seasoning:

- Rather difficult to dry, tends to be rapid with moderate surface checking and warping and a lability to case harden.
- Slow drying will overcome these tendencies.
- There is small movement in service.

## Characteristics:

- The heartwood is salmon red to orange brown, marked with dark brown and russet brown streaks.
- The wood has a golden lustre.
- The grain is commonly interlocked with a medium to coarse texture.

## Working Qualities:

- Moderately difficult to work because of its high density.
- It nails badly but has good screw holding, glues well.
- It has a moderate blunting effect on tools which must be kept sharp, and a reduced cutting angle of 20° will provide a smooth finish on the interlocked grain.
- The wood stains well but does not take a high polish.

## Uses:

- Furniture, cabinet making, joinery and turnery.
- Its high shock resistance makes it ideal for tool handles and sports goods, excellent for flooring, stair treads, ship planking, gear cogs, wheel rims, looms, general building construction.
- Used for steam bent boat parts in place of oak.
- Lock gates in waters free from marine borers.
- Second growth timber has a wide sapwood of a grayish-pink colour which is sliced for decorative veneers panelling and furniture.

## Product Attributes:

- Very strong, hard and tough.
- Very good bending classification.
- Very resistant to termites.
- Veneers available.

## Product Limitations

- Nails badly.