

JATOBA

Hymenaea courbaril



Harvested In:

South America

Family:

FABACEAE-CAESALPINIOIDEAE
(angiosperm)

WOOD DESCRIPTION

Color: Red brown
Sapwood: Clearly Demarcated
Texture: Medium
Grain: Straight or Interlocked

CHARACTERISTICS

- Moderate to work
- Durable
- Resistant to termites

COMMON USES

- Sliced Veneer
- Furniture and Furniture components
- Paneling (Interior / exterior)
- Cabinetwork
- Moulding
- Stairs (interior)
- Flooring
- Cooperage

AVAILABILITY

- Select & Better
- Mixed Grain
- 4/4, 5/4, 6/4, 8/4 Thicknesses

PHYSICAL / MECHANICAL PROPERTIES

| | | | |
|----------------------------------|-------------|--------------------------|---------------|
| Air Dry Density | 4.67 lbs/bf | Fiber Saturation Point: | 23% |
| Specific Gravity: | 0.94 | Crushing Strength: | 14,068 lbf |
| Janka Hardness (lbs): | 2,690 | Static Bending Strength: | 23,206 lbf |
| Volumetric Shrinkage: | 12.1% | Modulus of Elasticity: | 3,402,585 lbf |
| Total Tangential Shrinkage (TS): | 7.5% | Stability: | Stable |
| Total Radial Shrinkage (RS): | 3.9% | | |
| TS/RS Ratio: | 1.9 | | |

WORKING PROPERTIES

| | | | |
|-----------------------|------------------|--------------------------------------------------------|----------------------|
| Blunting Effect: | Fairly High | Slicing: | Good |
| Sawteeth Recommended: | Stellite-tipped | Nailing / screwing: | Pre-boring necessary |
| Cutting Tools: | Tungsten carbide | Gluing: | Good (interior only) |
| Peeling: | Not recommended | Note: Gluing must be done with care (very dense wood.) | |

