JATOBA

Hymenaea courbaril

Jatoba, commonly referred to as Brazilian Cherry, is a premium exotic hardwood appreciated for its exceptional hardness, durability, and distinctive natural beauty. Native to Central and South America, Jatoba features heartwood ranging from warm orange-brown to rich reddish-brown, gradually deepening in color with exposure to sunlight. Its outstanding impact resistance, strength, and natural resistance to rot and termites make it an excellent choice for demanding, high-wear applications. Jatoba is commonly used for interior flooring, staircases, fine furniture, architectural millwork, and precision joinery.



Surfaced



Surfaced and clear coat

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

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PHYSICAL / MECHANICAL PROPERTIES

Average Dried Weight:	*4.67 lbs/bf*
Specific Gravity:	*0.94*
Janka Hardness (lbs):	*2,690*
Volumetric Shrinkage:	*12.1%*
Total Tangential Shrinkage (TS):	*7.5%*
Total Radial Shrinkage (RS):	*3.9%*
TS/RS Ratio:	*1.9*

Fiber Saturation Point:	*23%*
Crushing Strength:	*14,068 lbf/in²*
Static Bending Strength:	*23,206 lbf/in²*
Modulus of Elasticity:	*3,402,585 lbf/in²*
Stability:	*Stable*

** Based on 12% Moisture Content*

WORKING PROPERTIES

Blunting Effect:	*Fairly High*
Sawteeth Recommended:	*Stellite-tipped*
Cutting Tools:	*Tungsten carbide*
Peeling:	*Not recommended*

Slicing:	*Good*
Nailing / screwing:	*Pre-boring necessary*
Gluing:	*Good (interior only)*

Note: Gluing must be done with care (very dense wood.)



