SANTOS MAHOGANY

Myroxylon balsamum

Santos Mahogany, also known by its South American name Cabreuva, is a premium exotic hardwood prized for its exceptional density, durability, and rich natural beauty. Native to regions extending from southern Mexico through Central and South America, this species is not a true mahogany but belongs to the legume family. Heartwood ranges from warm golden-brown to deep reddish-purple and rich burgundy, with a naturally lustrous finish. Santos Mahogany offers outstanding resistance to rot, wear, and environmental stress. Commonly used for luxury flooring, architectural joinery, fine furniture, and high-end interior applications.



Surfaced



Surfaced and clear coat

Harvested In:
Central and South America

Family:
FABACEAE (angiosperm)

WOOD DESCRIPTION

Color:	*Light golden brown*
Sapwood:	*Sharply Demarcated*
Texture:	*Medium to fine*
Grain:	*Interlocked*

CHARACTERISTICS *Plain Sawn*

- Difficult to work
- Very Durable
- Resistant to termites

COMMON USES

- Cabinetwork
- Flooring
- Staircases (interior)
- Furniture and Furniture components
- Millwork / Moulding
- Turned goods
- Sliced veneer
- Paneling (interior)

AVAILABILITY

- Select & Better
- Mixed Grain
- 4/4 and 5/4 Thicknesses

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PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	*4.75lbs/bf*
Specific Gravity:	*0.95*
Janka Hardness (lbs):	*2,400*
Volumetric Shrinkage:	*10%*
Total Tangential Shrinkage (TS):	*8.0%*
Total Radial Shrinkage (RS):	*4.9%*
TS/RS Ratio:	*1.6*

Fiber Saturation Point:	*23%*
Crushing Strength:	*11,680 lbf/in²*
Static Bending Strength:	*21,610 lbf/in²*
Modulus of Elasticity:	*2,380,000 lbf/in²*
Stability:	*Moderate*

** Based on 12% Moisture Content*

WORKING / FINISHING PROPERTIES

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

Slicing:	*Good*
Nailing / Screwing:	*Pre-boring necessary*
Gluing:	*Difficult*



