

SANTOS MAHOGANY

Myroxylon balsamum



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

- 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

PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	4.75lbs/bf	Fiber Saturation Point:	23%
Specific Gravity:	0.95	Crushing Strength:	11,680 lbf
Janka Hardness (lbs):	2,400	Static Bending Strength:	21,610 lbf
Volumetric Shrinkage:	10%	Modulus of Elasticity:	2,380,000 lbf
Total Tangential Shrinkage (TS):	8.0%	Stability:	Moderate
Total Radial Shrinkage (RS):	4.9%		
TS/RS Ratio:	1.6		

WORKING PROPERTIES

Blunting Effect:	Fairly High	Slicing:	Good
Sawteeth Recommended:	Stellite-tipped	Nailing / screwing:	Pre-boring necessary
Cutting Tools:	Tungsten carbide	Gluing:	Difficult
Peeling:	Not recommended		