MANSONIA

Mansonia altissima

Harvested In:
Western Tropical Africa

Family:
MALVACEAE (angiosperm)

WOOD DESCRIPTION

Color:	*Brown*
Sapwood:	*Clearly Demarcated*
Texture:	*Fine*
Grain:	*Straight*

CHARACTERISTICS

- Easy to work
- Very Durable
- Resistant to termites

COMMON USES

- Cabinetwork
- Sliced Veneer
- Paneling (interior)
- Flooring
- Joinery (interior / exterior)
- Moulding
- Rolling shutters
- Shingles

AVAILABILITY

- Select & Better
- Mixed Grain
- 4/4 Thickness

PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	*3.4 lbs/bf*	Fiber Saturation Point:	*28%*
Specific Gravity:	*0.66*	Crushing Strength:	*8,702 lbf*
Janka Hardness (lbs):	*1,290*	Static Bending Strength:	*15,954 lbf*
Volumetric Shrinkage:	*10.2%*	Modulus of Elasticity:	*1,975,414 lbf*
Total Tangential Shrinkage (TS):	*7.3%*	Stability:	*Poor*
Total Radial Shrinkage (RS):	*4.4%*		
TS/RS Ratio:	*1.7*		

WORKING PROPERTIES

Blunting Effect:	*Normal*	Slicing:	*Good*
Sawteeth Recommended:	*Ordinary or alloy steel*	Nailing / screwing:	*Good*
Cutting Tools:	*Ordinary*	Gluing:	*Good (interior only)*
Peeling:	*Good*		

Note: Sawdust may cause dermatitis or mucosa irritation.

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