

CUMARU

Dipteryx spp.



WOOD DESCRIPTION

Color:	Red brown
Sapwood:	Clearly Demarcated
Texture:	Medum
Grain:	Interlocked

CHARACTERISTICS

- Easy to work
- Durable
- Resistant to termites

COMMON USES

- Outdoor decking
- Porch flooring
- Heavy carpentry
- Bridges
- Gazebos
- Fencing
- Stakes
- Cooperage

AVAILABILITY

- Select & Better
- S4S, E4E
- Various thicknesses and lengths

PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	lbs/bf	Fiber Saturation Point:	22%
Specific Gravity:	1.07	Crushing Strength:	14,938lbf
Janka Hardness (lbs):	3,300	Static Bending Strength:	24,656 lbf
Volumetric Shrinkage:	12.6%	Modulus of Elasticity:	3,859,452 lbf
Total Tangential Shrinkage (TS):	7.7%	Stability:	Moderate to poor
Total Radial Shrinkage (RS):	5.5%		
TS/RS Ratio:	1.4		

WORKING PROPERTIES

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

Note: Sawing and machining are difficult due to hardness and interlocked grain. Requires power.

