CUMARU

Dipteryx spp.

Cumaru is listed on CITES Appendix II
Trade is allowed, but closely monitored by CITES to avoid the threat of extinction.

Cumaru, commonly referred to as Brazilian Teak, is a premium exotic hardwood appreciated for its exceptional density, strength, and long-lasting performance for exterior applications. Native to Central and South America, Cumaru features rich natural tones ranging from warm golden brown to deep reddish-brown. Its remarkable resistance to rot, decay, termites, moisture, and harsh weather conditions makes it one of the most durable hardwoods available. Cumaru is commonly used for outdoor decking, boardwalks, high-traffic flooring, and commercial projects.



Surfaced



Surfaced and clear coat

Harvested In:
Northern South America

Family:
FABACEAE (angiosperm)

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

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PHYSICAL / MECHANICAL PROPERTIES

Average Dried Weight:	*5.6 lbs/bf*
Specific Gravity:	1.07
Janka Hardness (lbs):	*3,300*
Volumetric Shrinkage:	*12.6%*
Total Tangential Shrinkage (TS):	*7.7%*
Total Radial Shrinkage (RS):	*5.5%*
TS/RS Ratio:	*1.4*

Fiber Saturation Point:	*22%*
Crushing Strength:	*14,938 lbf/in²*
Static Bending Strength:	*24,656 lbf/in²*
Modulus of Elasticity:	*3,859,452 lbf/in²*
Stability:	*Moderate to poor*

** 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:	*Poor*

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







