



WALK GREEN
CERTIFIED WOOD PRODUCTS

Cumaru (*Dipteryx odorata*) FSC-certified 100%

Cumaru is a tough, dense South American Hardwood that has an irregular, somewhat interlocked grain, and wavy and coarse texture. Because of its density, it is very resistant to termites and decay. Cumaru's heartwood is a medium brown with distinctive tan shades

Dimensions:	7/8" x 4" & 6" (net size 13/16" x 3.5" & 5.5") 5/4 x 4" & 6" (net size 1" x 3.5" 7 5.5")
Lengths:	7' thru 20'
Grade:	Export clear 3 sides, minor defect on bottom, no twisting, cracks, checking, or warping
Profile:	Surfaced 4 Sides (S4S), Eased 4 Edges (E4E), 3mm
Moisture Content:	Kiln Dry 12 to 15% M.C.
Weight:	7/8" – 1.90bs/ LnFt, 5/4 – 2.3l0bs/ LnFt
Other Names:	Tonka, Southern Chestnut, Brazilian Teak, Baru, Almendrillo
Janka Hardness:	3,200 pounds
Strength (MOR):	24,800 psi
Stiffness (MOE):	3,050 1000 psi
Density (KG/m3):	1,090
Color:	Reddish-brown or purplish-brown when fresh, shifting to light- to yellowish-brown upon exposure. Sapwood is yellowish brown.
Photosensitivity:	Cumaru will become more uniform in color upon exposure to light.
Tangential Shrinkage:	8.4%
Radial Shrinkage:	5.4%
Geographic Area:	Venezuela, Columbia, Brazil, Peru, Bolivia, The Guianas
Tree Characteristics:	The Cumaru tree can grow to a height of 100 to 130 feet and a diameter of 3 to 5'
Texture:	Fine
Grain:	Interlocked
Luster:	Low to medium
Durability Rating:	Rated as very durable, resistant to brown and white rot fungi, has exemplary weathering characteristics.
Drying Characteristics:	Dries slowly. For best results Kiln Drying to 12% to 15% Moisture Content is to avoid warping, cupping and checking is recommended.
Working Characteristics:	Rated as moderately easy to work
Applications:	Decking, Rainscreen siding, railing cogs, flooring, turnery, bearings, tool handles, railroad cross-ties, heavy construction.