CUMARU

Dipteryx Odorata

JSC
PREMIUM ARCHITECTURAL
& BUILDING SOLUTIONS

Timber strong enough to handle a horse kick



Cumaru can be found throughout tropical South America, Peru, Colombia, Brazil, and Guyana.

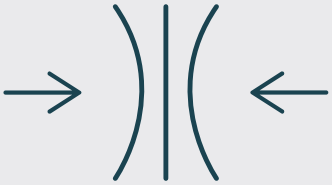
Cumaru is a very dense, heavy and hard timber. This makes it ideally suited for interior or exterior bespoke commercial projects, and high exposure or high traffic applications. JSC Cumaru, also known as Tonka, is a FSC® 100% certified timber product.

Reddish brown in colour when freshly cut, turning into a uniform tan or golden brown when exposed to the elements. Cumaru is non-resinous and has a tight, straight grain and a lustrous finish.

Why choose it?



Class 1 durability



Very dense, highly resilient timber



Suitable for high traffic areas

Disclaimer: The timber properties and product information provided in this document are intended as general guidelines only. Actual timber characteristics may vary due to origin, growth conditions, environmental influences, and natural variation. JSC has not conducted specific testing on the timber properties referenced; all figures are indicative only and have been sourced from external references cited within this document. Information relating to JSC products is necessarily general in nature and subject to variation in dimension, appearance, and specification, depending on natural factors, installation methods, or the specific application. Customers must independently verify all technical data and obtain professional advice to determine the suitability of any product for their particular purpose. The Customer is solely responsible for ensuring that the product is appropriate for its intended use. JSC does not accept any liability (including for negligence) for claims arising from reliance on this information, documentation, or other related materials.

Westhaven Marina | LandLab, JFC, & Eke Panuku



Ellerslie Stables | Young and Richards Architects

Cumaru applications

Cumaru can wear cutting tools earlier and these need to be kept sharp to avoid raised grain. Cumaru glues, finishes and stains well, with really pleasing results. Its beauty and brawn make it ideal for high-traffic public areas where a quality appearance and exceptional durability are essential qualities. Cumaru timber is stiff and strong, and its resilience lends itself well to a variety of applications:

- Heavy structural beams and posts
- Decking - industrial and commercial domestic
- Commercial interiors
- Bridge girders and decking



Technical Information

Certification	FSC®
Availability of sizes	Lengths: Random lengths Sizes: Standard: 21 × 90 / 145 Various sizes made available on request
***Durability**	Class 1
Grades	FAS Clears

*Based on above ground applications. Durability classifications provide a useful comparative guide, however factors relating to specific installations and natural timber variation may result in some pieces falling outside the species' durability classification. Durability classification applies to heartwood only; sapwood is excluded.

Mechanical properties	**Green**	**Dry**
**Density (kg/m3)	-	1100kg/m^3
Modulus of Rupture (MPa)	132	188
Modulus of Elasticity (GPa)	18.3	26.6
Hardness | Janka (kN)	-	13.7

** Density (kg/m3) is an average indication only, measured at 12% moisture content (dry condition) and actual density may vary from piece to piece.

REFERENCES: CIRAD. (n.d.). Tropix CIRAD website. Retrieved December 9, 2024, from www.cirad.fr; Scion. (n.d.). Scion website. Retrieved December 9, 2024, from www.scionresearch.com; Bootle, K. R. (1983). Wood in Australia: Types, properties, and uses. McGraw-Hill.

Note: For comparable species speak to the JSC team about alternatives.

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