

Cumaru / Brazilian Teak



Trade Name: **Cumaru**

Other Names: Wata Tonka, Tonka

Scientific Name: *Dipteryx oppositifolia*

Family / Famille: *Fabaceae*

Specie Brief: A very versatile hardwood with a beautiful color and texture and excellent outdoor durability. Highly suitable for outdoor decking and landscaping applications.

Wood Description		Physical & Mechanical Properties	
Heartwood Color	Red brown	Specific Gravity (kg/m3)*	1.07
Sapwood Color	Clearly demarcated	Monnin Hardness*	13.1
Texture	Medium	Crushing Strength*	103 MPa
Grain	Interlocked	Radial Shrinkage	5.5%
Cross Grain	Marked	Tangential Shrinkage	7.7%
Durability	Class 1 - very durable	Tangential / Radial Ratio	1.40
Marine Durable	Class 5 – no	* at 12% moisture content	

Key Products:

- Outdoor Decking
- Outdoor Fencing
- Outdoor Furniture
- Sub-Construction
- Wall Paneling
- Construction Timbers

Properties & Characteristics

Cumaru is a highly versatile species that is widely found across South America. It is a key export species from Brazil, Peru & Bolivia. In some countries such as Suriname, Cumaru is protected due to the local use and value of the tree's seeds. The heartwood is red brown to yellow brown that is clearly demarcated from the sapwood. The grain is often interlocked, and the texture is medium coarse. Despite the high density and the interlocked grain, Cumaru can be machined quite well resulting in a rather smooth surface.

Outdoor Decking

Cumaru is used for a wide range of high-quality applications such as: outdoor decking, boardwalks, outdoor fencing, sub-construction, wall paneling, & construction timbers. Cumaru is a highly prized outdoor decking species and sits within the top tier of tropical hardwood decking species internationally. It is commonly used for decking in Europe, USA and other countries such as Canada, NZ & Australia. Cumaru's durability and strength, its inter-locked grain, and its ability to be finished as a smooth hardwood makes it suitable for decking.

Outdoor Fencing

Cumaru is suitable for outdoor fencing & landscaping due its durability, stability and pleasing colour. It is commonly used for fencing panels and outdoor structural timbers.

Outdoor Furniture

As Cumaru is commonly referred to as Brazilian teak then it is no surprise that it can be commonly used for outdoor furniture. Its pleasing colour, stability, durability and the ability to machine and work with the timber makes it suitable as outdoor furniture.

Sub-Construction

To improve recovery during sawmilling, Cumaru can be manufactured into sub-construction for the European market. Due to the good durability of the species then this is commonly done in Brazil.