

# TALI

*Erythrophleum Suaveolens*



## For Crafting Robust Outdoor Structures



Class 1 durability



Highly versatile in  
commercial and  
marine uses



Impressive rot resistance

Tali is a dense and durable hardwood species indigenous to tropical Africa, widely valued for its resilience in commercial and marine applications. JSC Tali is FSC® 100% certified, assuring it is sourced from responsibly managed forests with sustainable harvesting practices. The heartwood is typically a rich reddish-brown, while overall colouring ranges from orangey yellow-brown to reddish-brown, depending on region. The timber features an interlocked, marked grain with a coarse texture. Known for its excellent resistance to decay and insects, Tali is a reliable choice for outdoor use, including sleepers, bridge beams, poles, and decking in both freshwater and seawater environments.

## TECHNICAL INFORMATION

Certification	FSC®
Availability of sizes	Lengths: Random Lengths typically 1.8m - 5.4m Sizes: 19 × 140 Typically 32 – 42mm (thickness) x 90 - 200 mm (width)
*Durability	Class 1

\*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.

Mechanical properties	Green	Dry
**Density (kg/m <sup>3</sup> )	-	900 kg/m <sup>3</sup>
Modulus of Rupture (MPa)	-	154
Modulus of Elasticity (GPa)	-	19.4
Hardness   Janka (kN)	-	13

\*\* Density (kg/m<sup>3</sup>) 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](http://www.cirad.fr); Scion. (n.d.). Scion website. Retrieved December 9, 2024, from [www.scionresearch.com](http://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.

**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.



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