



# KWILA

*Intsia Bijuga, Intsia Palembanica*

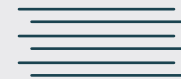


PREMIUM ARCHITECTURAL  
& BUILDING SOLUTIONS

## South East Asian tropical hardwood popular in NZ for Decking



Unique aesthetics



Smooth texture &  
machines well



Class 2 durability &  
stable in service

Kwila also known as Merbau, is a prized timber species celebrated for its exceptional versatility, and natural beauty. Native to the tropical regions of Southeast Asia and the Pacific, this hardwood has captured the hearts of architects, designers, and craftsmen worldwide. JSC Kwila is FSC® 100% certified, ensuring it is responsibly harvested from sustainably managed forests.

Renowned for its durability and resistance to decay, Kwila stands as a testament to nature's ingenuity. Its striking reddish-brown hue, often accentuated by distinctive grain patterns and golden flecks, lends an aura of sophistication to any project.



The mark of  
responsible forestry  
FSC® C003608



## TECHNICAL INFORMATION

Certification	FSC®
**Durability	Class 1 - 2
Grades	Clear grades
Colour and grain	Is yellowish brown when freshly cut but quickly turns to a dark reddish brown with a distinct golden fleck. Grain may be slightly interlocked and sometimes wavy, texture is moderately coarse.

\*\*\*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/m3)	-	830-870 kg/m <sup>3</sup>
Modulus of Rupture (MPa)	103	115
Modulus of Elasticity (MPa)	15	15.4 - 18
Hardness   Janka (kN)	7.6	8.6

\*\*\*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](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.

## KWILA APPLICATIONS

Its remarkable strength and stability make Kwila an ideal choice for outdoor applications. It also effortlessly elevates the ambiance of living spaces when used internally.

- **Decking** - Kwila shines as a decking material, withstanding the sometimes harsh NZ weather, while exuding a warm, inviting atmosphere.. Available in \*90×19mm and \*140×19mm.
- **Flooring** - Its natural oils not only enhance its allure but also contribute to its resilience, making it an excellent option for high-traffic areas.

\*Note: Subject to availability

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