

# FIJIAN MAHOGANY

Decking, Siding, Soffits & Ceilings



## WHY FIJIAN MAHOGANY?

Fijian Mahogany stands out as a superior option for decking and various exterior and interior applications due to its exceptional durability, sustainability, and aesthetic appeal. Fijian Mahogany boasts a natural resistance to decay, rot, and insects, making it an ideal choice for outdoor environments that endure harsh weather conditions. Its high density and tight grain structure not only enhance its strength and stability but also ensure that it maintains its integrity over time, even in challenging climates. This durability means that Fijian Mahogany decking and exterior elements can withstand heavy foot traffic and the wear and tear of outdoor living, all while retaining their beautiful, rich appearance.

## PERFECT INSIDE AND OUT

Nova's Fijian Mahogany is treated with Micronized Copper Azole (MCA), which enhances its longevity and makes it safe for both indoor and outdoor use. MCA treatment provides added protection against fungal decay and termites without compromising the wood's natural beauty or introducing harmful chemicals into living spaces. This treatment is particularly important for applications where wood is exposed to moisture or direct contact with the ground, ensuring that Fijian Mahogany remains a reliable and safe material for decking, siding, and even interior paneling. The combination of durability, sustainability, and safety makes Fijian Mahogany a superior choice for a wide range of building projects, from exterior decks to elegant interior finishes.



## TECHNICAL SPECIFICATIONS

Density: 650 kg/m<sup>3</sup>

Radial Shrinkage: 3.0 %

Tangential Shrinkage: 4.1 %

Janka Hardness: 800 lbf

MOE: 10,300 MPa

MOR: 79,300 kPa

Species: *Swietenia macrophylla*

Tree Characteristics: Sometimes 150 ft in height and 6 ft and more in diameter above the heavy buttresses; boles are clear from 60 to 80 ft.

Wood: Heartwood reddish, pinkish, salmon colored, or yellowish when fresh; deepening with age to deep rich red or brown; distinct from the yellowish or whitish sapwood.

Geographic Area: Plantation grown in Fiji. Naturally distributed from Southern Mexico to South America.

Grain/Texture: straight to roey, wavy, or curly grain, often with an attractive figure. Texture rather fine to coarse.

Durability: Heartwood rates as durable in resistance to fungi. Moderately resistant to dry-wood termites. MCA treatment provides added protection.

Working Characteristics: Easy to work.

Finishing: Easily takes stains and paints.



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## SUSTAINABLY PLANTATION GROWN

Genuine Fijian Mahogany is a sustainable, renewable resource, cultivated to ensure ongoing availability. Swietenia Macrophylla, known as Genuine Fijian Mahogany, was planted on the Fijian Islands with sustainability in mind. The Fijian Government rigorously regulates the management and milling of these Mahogany plantations to ensure their sustainability. Logging is conducted under a “minimal impact” approach, minimizing damage to the surrounding environment. Fijian Mahogany stands out as a beautiful, responsibly managed product, and its continued growth not only supports the environment but also contributes to the prosperity of the Fijian economy and community.



## PRODUCT OFFERINGS

- 1×4 S4S E4E Decking
- 1×6 S4S E4E Pattern Blanks (19mm or 21mm thickness)
- 1×8 S4S E4E Risers & Skirting
- 5/4×4 S4S E4E Decking
- 5/4×6 S4S E4E Decking
- 2×4 S4S E4E Boards
- 2×6 S4S E4E Boards
- 4×4 S4S E4E Posts



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