MAHOGANY
(Swietenia Macrophylla)

★	Wood Type	Hardwood
★	Durability	Class 2 - Durable
★	Average Service Life	20-30 years (without treatment)
★	Treatability	Moderately easy
★	Moisture Movement	Low
★	Density (mean, Kg/m³)	550-850 (varies by species)
★	Texture	Fine to medium
★	Use(s)	Fine Furniture, Cabinetry, Boat Building, Millwork
★	Colour(s)	Rich reddish-brown with a lustrous grain pattern

Environmental

Mahogany wood is listed on the IUCN Red List as various species under the name "Mahogany" are under threat. It is essential to source Mahogany wood from certified and sustainable suppliers to ensure responsible harvesting.

Distribution

Mahogany wood primarily comes from the Americas, including countries in Central and South America, as well as the Caribbean. Notable sources include Honduras, Brazil, and the Dominican Republic. Mahogany trees are famous for their high-quality timber.

The Tree

Mahogany trees are large, reaching heights of up to 45 meters. They have straight, cylindrical trunks and produce compound, pinnate leaves. Mahogany trees are known for their valuable timber, which is highly sought after for its color, grain, and durability.

The Timber

Mahogany wood is renowned for its rich, reddish-brown to deep brown color, often with a lustrous grain pattern. The wood has a fine to medium texture and a straight to interlocked grain. It is moderately heavy and exceptionally stable.

Drying

Mahogany wood is generally easy to dry with minimal risk of defects or deformation. Proper drying practices help maintain its stability and beauty.

Strength

Mahogany wood is known for its exceptional strength and durability. It is a robust and stable wood that can withstand various stressors, making it suitable for high-end applications.

Working Qualities

Mahogany wood is a pleasure to work with due to its ease of machinability, carving, and finishing. It cuts, planes, and sands smoothly and is receptive to a wide range of finishes. Mahogany is a favorite among woodworkers for its workability and luxurious appearance.

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