



**LUMBER WORLD**

'A Destination for your Imagination'

# MAHOGANY

African mahogany, with heartwood ranging from pale pink to reddish-brown, displays a ribbon-stripe pattern on quartersawn surfaces. It has a straight to interlocked grain, making it moderately durable. While easy to work, it may experience tearout with interlocked grain. The wood glues, turns, and finishes well.

Moderately priced, it is commonly used in veneer, plywood, furniture, boatbuilding, and interior trim. Conservation concerns are reflected in its CITES listing and IUCN Red List status.





## MAHOGANY

### SPECIFICATIONS

Common Name(s)	African Mahogany
Scientific Name	Swietenia Macrophylla
Distribution	Tropical Africa
Tree Size	100-200 ft (30-60 m) tall, 3-6 ft (1-1.8 m) trunk diameter
Average Dried Weight	33.9 lbs/ft <sup>3</sup> (545 kg/m <sup>3</sup> )
Specific Gravity (Basic, 12% MC)	0.46, 0.54
Janka Hardness	850 lbf (3,800 N)
Modulus of Rupture	11,730 lbf/in <sup>2</sup> (80.9 MPa)
Elastic Modulus	1,410,000 lbf/in <sup>2</sup> (9.72 GPa)
Crushing Strength	6,570 lbf/in <sup>2</sup> (45.3 MPa)
Shrinkage	Radial: 3.4%, Tangential: 5.7%,
Volumetric	9.3%, T/R Ratio: 1.7