



LUMBER WORLD

'A Destination for your Imagination'

SAPELI

Sapele, an African hardwood prized for its warm reddish-brown hue and diverse figured grain patterns, shines for its versatility. From furniture and musical instruments to boatbuilding and flooring, this moderately durable wood sculpts well despite its interlocked grain. Though susceptible to iron contact and cedar-scented during work, Sapele glues, stains, and finishes beautifully.

While sustainably sourced options exist, be aware of its vulnerable status as an exploited wood species. All in all, sapele offers a blend of beauty, utility, and a touch of the unique, making it a worthy contender for your next woodworking project.





SAPELI

SPECIFICATIONS

Common Name(s)	Sapele, sapelli, sapeli mahogany
Scientific Name	Entandrophragma cylindricum
Distribution	Tropical Africa
Tree Size	100-150 ft (30-45 m) tall, 3-5 ft (1-1.5 m) trunk diameter
Average Dried Weight	41.6 lbs/ft ³ (665 kg/m ³)
Specific Gravity (Basic, 12% MC)	0.56, 0.67
Janka Hardness	1,360 lbf (6,060 N)
Modulus of Rupture	16,070 lbf/in ² (110.9 MPa)
Elastic Modulus	1,790,000 lbf/in ² (12.35 GPa)
Crushing Strength	8,540 lbf/in ² (58.9 MPa)
Shrinkage	Radial: 5.2%, Tangential: 7.2%,
Volumetric	12.9%, T/R Ratio: 1.4