








	OTHER NAMES	APPEARANCE	CHARACTERISTICS	JANKA HARDNESS	STIFFNESS (MOE)	DURABILITY	BENDING STRENGTH	DECAY RESISTANCE	LIFE EXPECTANCY
	Astronium spp, Goncalo Alves, Zebrawood, Mura, Kingwood	Striking hues of red and brown tones, with prominent black variform striping that varies in width.	Does not splinter & siver. Gets smooth over time. Very minimal expansion & shrinkage. Must be kiln dried 8-10% mc.	2,160 lbs	2,230 (x 1000 psi)	Extremely Durable	19,670 psi	Extremely resistant to attack by decay, fungi, and insects.	50+ Years
	Tabebuia spp, Brazilian Walnut, Lapacho	Wide range of colors from greens to dark browns.	Prone to splinters & silvers. Has moderate shrinkage & expansion. Air dried 16-24% mc.	3,680 lbs	3,140 (x 1000 psi)	Extremely Durable	25,360 psi	Extremely resistant to attack by decay, fungi, and insects.	50+ Years
	Dipterix odorata, Southern Chestnut, Brazilian Teak	Light grayish brown to dark brown. Fairly uniform in color.	Prone to splinters & silvers. Had moderate shrinkage & expansion. Must be kiln dried 10-12% mc.	3,540 lbs	3,030 (x 1000 psi)	Extremely Durable	22,400 psi	Extremely resistant to attack by decay, fungi, and insects.	50+ Years
	Shorea spp, Red Balau, Membatu, Mangaris	Medium red to deep red/brown in color.	Does not splinter & siver. Roughly 6-7% shrinkage & expansion over time. Must be kiln dried 12% mc.	2,100 lbs	2,560 (x 1000 psi)	Extremely Durable	18,400 psi	Resistant to rot and decay.	20-25 Years
	Thuja plicata, Shingle wood, Pacific redcedar, Arborvitae	Reddish brown in color. Fairly uniform in color. Sapwood is white.	Minimal splinters & silvering. Moderate to excessive shrinkage & expansion. Must be kiln dried 19% mc.	350 lbs	1,110 (x 1000 psi)	Durable	7,500 psi	Resistant to fungal decay. Prone to termites.	10-20 Years
	N/A	Pale, dusty yellow color due to chemical treatment of wood. Pronounced grain.	Prone to splinters & silvering. Moderate to excessive shrinkage & expansion.	690 lbs	1,980 (x 1000 psi)	Durable	14,500 psi	Extremely resistant to attack by decay, fungi, and insects.	50+ Years
	Not natural wood. Composite material made of sawdust and plastic.	Faux wood appearance in colors ranging from amber to browns and grays.	Does not splinter. Susceptible to fading, staining, scratching, and flaking.	1,124 lbs	175 (x 1000 psi)	Durable	1,423 psi	Susceptible to mold, mildew, and fungal growth. Resistant to rot and termites.	25 Years