

BOSSE

Guarea cedrata

Species Overview:

Bosse resembles Spanish Cedar in both appearance and aroma, because of this it is known as one of the best alternatives available. Both are members of the *Meliaceae* or *Mahogany Tree Family*. It is highly appreciated for its durability being used primarily for exterior works, doors, panelling, moldings, baseboards, trims, and carpentry for interior & exterior. Heartwood initially a pale pinkish brown, darkening with age to a more golden to medium brown. Pale yellowish sapwood is well defined. Can be highly figured, with grain patterns such as pommele being sought after in veneer form. Grain is irregular, wavy or interlocked, slightly moiré.



Unfinished



Finished

Harvested In:

West and Central Africa

SPECIES PHOTOS



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Availability:

- **Select & Better**
- **Mixed Grain**
- **4/4, 6/4, 8/4 Thicknesses**

*More available upon request***

Physical Properties:

	<u>Mean:</u>	<u>Std. Dev.:</u>
Specific Gravity*:	0.63	0.6
Janka Hardness:	940	
Volumetric Shrinkage:	0.50%	0.06%
Total Tangential Shrinkage(St):	6.8%	0.9%
Total Radial Shrinkage (Sr):	4.1%	0.5%
TS/RS Ratio:	1.7%	
Fiber Saturation Point:	31	
Stability:	<i>Moderately stable</i>	

Mechanical/Acoustic:

	<u>Mean:</u>	<u>Std. Dev.:</u>
Crushing Strength*:	7,910 lbf	
Static Bending Strength*:	13,810 lbf	
Modulus of Elasticity*:	1,582,000 lbf	
Musical Quality Factor:	86.3 at 2747 Hz	

**At 12% Moisture Content*

Sawing/Machining/Assembly:

Blunting Effect:	<i>Fairly High</i>
Sawteeth Recommended:	<i>Stellite-Tipped</i>
Cutting Tools:	<i>Tungsten Carbide</i>
Peeling:	<i>Good</i>
Slicing:	<i>Good</i>
Nailing and Screwing:	<i>Good</i>
Notes:	<i>Gluing Bosse may be difficult due to resin extractions. The silica content of Bosse can be high to very high. Irritant sawdust.</i>



Air Dry Density
3.9 LBS/BF



Specific Gravity
0.63



Easy to Work



Durable



Susceptible to Termites