

## Species - Rosewood (*Pterocarpus indicus*)

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### Uses:

Furniture, Cabinet Work, Joinery, Riffle Butts, Boat Building, Veneer, Plywood, Decorative Panelling, Knife Handles, Carpentry Levels, Drawing Instruments, Turnery, Flooring, Musical Instruments

### Physical Properties:

Air Dried Density	625kg/m <sup>3</sup> @12% m.c.
Colour	Heartwood varies from red to red brown, golden brown or blood red
Texture	Medium
Grain	Mostly interlocked/ wavy
Durability	Highly durable
Permeability	Heartwood is very resistant to preservative treatment.
Lyctid Susceptibility	Susceptible
Shrinkage	Radial: 1% ; Tangential: 2.5%

### Mechanical Properties:

Strength	SD 5 Seasoned
Structural Grade	F14 select grade
Toughness (Izod)	10J Seasoned, 13J Unseasoned
Hardness (Janka)	4.7kN Seasoned, 4.2kN Unseasoned
Maximum. Crushing Strength	58MPa Seasoned, 38MPa Unseasoned
Modules of Elasticity	12GPa Seasoned, 10GPa Unseasoned.
Modules of Rapture	95MPa Seasoned, 74MPa Unseasoned.

### Working Properties:

	Saws readily.		Easy to bore.
	Turns easily		Glues satisfactorily
	Screws well		Nails satisfactorily .
	Moulds Well		