

# Congona

## Brosiumum alicastrum

### Family

Moraceae

### Description

Sapwood about 40mm wide, pale yellowish-white or pinkish-yellow. Heartwood is yellowish, yellow-light brown. Texture rather fine. No odour or taste. Latex tubes common. Lumina contains red-brown gummy substance. Growth rings not distinct. Grain usually straight or wavy. Trunk is buttressed up to 2.4m. Species occurs in upland rain forests, frequently on sandy soils.

### Characteristics

Timber is hard and strong. Seasons without difficulty but must be dried carefully, Moisture movement low. Works with some difficulty due to its hardness and density. Turns well. Finishes smoothly and polishes excellently. Glues well. Difficult to nail without pre-boring. Timber is durable and highly resistant to termites. Suitable for tool handles.

### Uses

Structural timber, Flooring, Furniture, Cabinet work, Joinery, Veneer, Plywood, Interior trim, Handles, Turnery.

### Density

650 - 700 Kg / m3

### Strength group

S3 – SD3

Moisture Condition	Modulus of rupture		Modulus of elasticity x 10		Maximum crushing strength		Maximum shear strength	
	MPA	LBF/in	MPA	LBF/in	MPA	LBF/in	MPA	LBF/in
Green	86.1	12500	14.2	2060	43.4	6300	11.0	1600
12%	134.0	19500	16.3	2360	71.0	10300	16.7	2430

### Shrinkage

Tangential Green to 12% m. c. *	Radial Green to 12% m. c. *
>5.6 – 7.0	>3.1 – 4.0

\*Moisture content

### Durability

**(Class 3, durable)** Approximate life in contact with the ground ( years ) 8 to 15, for conditions significantly different from that represented by ground contact , the life expectancies of the specie would obviously be longer than that indicated in this classification .

**Please Note:** Actual colours of wood may vary from displayed images.