

Common name(s): **Urucurana (Brazil)**
Rosita (Honduras)
Nanciton (Nicaragua)
Zapatero (Panama)
Trompillo (Venezuela)
Suradanni (Belize)
Sangue De Boi (Brazil)
Acuarana (Brazil)
Mascaré (Ecuador)
Mascarey (Colombia)

Scientific name(s): *Hyeronima alchorneoides* Allem.
Hyeronima alchorneoides var. *stipulosa* P. Franco (Synonym)
Hyeronima laxiflora (Tul.) Mull. Arg. (Synonym)
Hyeronima tectissima L.A. Standl. & L.O. Williams (Synonym)

Family: Euphorbiaceae

Distribution

This species grows from México and Belize through Central America down to Panama, and in Colombia, Peru, Bolivia and Brazil.

Log description

The trees are reported to reach heights of 20 to 30 m, with trunk diameters of 50 to 70 cm. They develop cylindrical boles, occasionally curved, with small or no buttresses. Logs floats. High durability in the forest.

Wood description

Colour: heartwood is reddish brown.
Sapwood: sapwood is mild reddish brown.
Texture: medium to coarse pronounced veined.
Grain: usually straight or interlocked.
Interlocked grain: present.
Luster: moderate.
Organoleptic characteristics: odorless and tasteless.

Physical-mechanical Properties

Basic density: 0.63 g/cm³, Very Heavy
Modulus of elasticity: 122641 kg/cm², medium
Movement: 4.93 % high
Shear: 96 kg/cm², medium
Shrinkage relation: 2.06, normal
Janka Hardness: 703 kg, medium

Fibers saturation point: 29

Compression across the grain: 101 kg/cm², medium

Drying

The wood is moderately difficult to air dry as well as kiln dry, as it dries quickly and develops moderate defects. In order to prevent defects during kiln drying, it is recommendable to use kiln schedules T5- D3 and T3- D2 for 1 and 2 inch boards respectively.

Natural durability

It is a very durable wood, resistant to decay funguses and termite attack under tropical conditions without treatment.

Working properties

The wood is fairly easy to saw and work with hand tools, good to moderately good to plane, excellent for turning, mortising, boring, moulding and sanding but nailing the wood is very difficult without boring holes first.

The finish is excellent when at least 3 layers of sealer is applied due to the big size of the pores. Because of the woods natural beauty it is recommendable to use a transparent finish.

Uses

High quality furniture, veneers, and general carpentry. Well suited for indoor as well as outdoor use. Because of the weight of the wood it is recommendable to minimize dimensions or to make permanent furniture like e.g. cabinets.