



Derlage Junior Hout V.O.F.  
Schoutenstraat 30,  
NL 3641 HW Mijdrecht

Tel.: 00 31 297 261012  
Fax: 00 31 297 264617  
Email DJRHOUT@XS4ALL.NL

ND/MD

Vinkeveen, Februari 2000.

### CAMBARA.

<b>Botanical Name</b>	: ERISMA Uncinatum and ERISMA Lanceolatum.
<b>Family</b>	: Vochysiaceae.
<b>Common Names</b>	: CAMBARA, Cedrinho, Jaboty, Quarubarana, Quarubatinga, which however often refer to different species, even Qualea's, since the Vochysiaceae consist of more than 60 different species known, often leading to errors.
<b>Found in Trees</b>	: Amazonas, Rondonia, Mato Grosso, Southeastern Bolivia, Orinoco-area. : Usually upto 40m. tall with a typical majestic crown; red fingershaped flowers. rich in oil. Slender, straightgrown boules of 15/20m are common, diameters of 70 to 150cm no exception.
<b>Description</b>	: Grey-whitish sap is well distinct and often 12/15cms wide. Heartwood is of uniform red to redbrown colour; usually gets a brown/red hue, when exposed to light. Pores are not fine and spread in several directions, bedded-into the Parenchym rays.
<b>Density</b>	: Logs so green are moderately heavy, abt 1050kgs. Airdry lumber is around 700kgs/m3 and KD 12% abt. 600kgs.
<b>Resistance</b>	: "Unless treated" Cambara is moderately resistant to Tropical insects; it's reasonably well resistant to brown-rot and fairly well resistant to white/red fungi.
<b>Preservation</b>	: by chemicals in depth is not very easy.
<b>Durability</b>	: Class II/III, so suitable for windowframes doorjambs, mouldings, cladding.
<b>Seasoning</b>	: Air-drying must be done with care, slowly and in the shade. Kiln-drying should preferably be done after some air-drying on stickers and starting slowly with themp. never beyond 45/50% degrees C. at any time, so eliminating water with slowly increasing ventilation. Based on 1" boards, 3-5 weeks should be ok. : Cambara doesnt easily warp/cup but due to the "Thylle", fast seasoning might lead to casehardening and exposure to sun or excessive heat/ventilation especially in the beginning will lead to splitting/checking. : *)With proper care, drying shouldnt be a major problem.
<b>Machining</b>	: Easy to cut,plane/turn/screw/nail. Can be worked, with ordinary tools, although other Vochysias do contain minor volumes of Silicum.
<b>Finishing</b>	: Luster of unfinished surface medium/poor. Easy to glue/lacker/vernish/paint/kit.
<b>Sources</b>	: Yale/Ctft/Ibdf/Atlas das Mad. Trop.



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### TECHNICAL PROPERTIES OF C A M B A R A.

According to A.T.I.B.T. France.

**DURABILITY** : CLASS II/III, Has a good natural durability.  
: Good resistance against Fungus.  
: Good resistance against 'dry-wood-insects'.  
: Bad resistance against termites.

**IMPREGNABILITY**: Fair to poor.

**SPECIFIC WEIGHT**: Green Timber 1.000kg/m<sup>3</sup>.  
: KD at 12% mc 600kg/m<sup>3</sup>.

**SHRINKAGE** : Radial (T%) = 9,3%.  
: Tang. (R%) = 4,3%.

**BENDING STRENGTH**: 110 N/mm<sup>2</sup>.

**ELASTICITYMODULE**: 12.500 N/mm<sup>2</sup>.

**COMPRESSION** : 55 N/mm<sup>2</sup>

**USES** : Staircases, windowframes, doors, doorjambs, mouldings, cladding, concrete-shuttering, interior/exterior housingpurposes.



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**CAMBARA PICTURES**

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Seção transversal (x 10)  
Cross section (x 10)



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