

CAMBARA



SCIENTIFIC NAME	Erisma uncinatum
FAMILY	Vochysiaceae
INTERNATIONAL NAME	Cambara
OTHER NAMES	Quarubarana, Cedrinho
AREA OF OCCURRENCE	Subtropical humid Forests
REGION AND FREQUENCY	States of La Paz, Beni, Santa Cruz and Pando

DESCRIPTION OF THE TREE

TOP	Extended, simple, whole leaves
TRUNC	Right, cylindrical, total height up to 35 meters
BARK	Dark gray color

ORGANIC CHARACTERISTIC OF THE WOOD

SAPWOOD COLOR	White yellowish
HARDWOOD COLOR	Reddish clear Brown
SMELL	Non distinctive
FLAVOR	Non distinctive
SHINE	Medium
GRAIN	Straight
VEINES	Intense
TEXTURE	Thick

ANATOMICAL DESCRIPTION

RINGS OF GROWTH	
Visibility	Visible visibility with glass magnifying of 10x
Average number	23 rings in a radius of 10 cm
PORES	
Visibility	Visible visibility at first sight
Porosity	Diffuse
Type	Loners and Round, generally occluded multiples radial Form
PARENQUIMA	
Visibility	Visible visibility at first sight
Quantity	Abundant
Type	Apotraqueal in wide bands
RADIUS	
Visibility	visibility with glass magnifying of 10 x
Stratification	Absent

PHYSICAL PROPERTIES

CONTENT OF HUMIDITY GREEN	105 %
BASIC DENSITY	0,47 g/cm ³
DENSITY AT 12% HUMIDITY	0,57 g/cm ³
RADIAL CONTRACTION	4,2 %
TANGENTIAL CONTRACTION	9,1 %
VOLUMETRIC CONTRACTION	12,9 %
RELATIONSHIP T/R	2,2

MECHANICAL RESISTANCE

MODULE OF ELASTICITY	115 x 1000 kg/cm ²
ROTATING MODULE	897 kg/cm ²
PARALLEL COMPRESSION	524 kg/cm ²
RADIAL CUT	98 kg/cm ²
JANKA HARDNESS	374 kg
TENACITY	1,03 kg-m

PROSESSING CONDITIONS

WORKABILITY	Easy to process mechanically, good superficial finish
PRESERVATION	Permeable
DURABILITY	Not very durable, especially in contact with the floor
DRYING	quick pre-drying, a severe program of drying is required

USES

construction, doors, windows, veneer, furniture in general, Door- and window scantlings

Of course, Cambara has the name, but Roque Valente SRL also wants to draw your attention on another specie, called Sirari: Originally, due to price and availability, Mahogany was substituted by Cedrinho/ Cambara (the same). However, Cambara structure is rather coarse. Also, its quality in respect of durability and resistance to fungi, termites and marine borers is not as good as the less known specie Sirari.

Superior strength, decay resistance, and uniformity in color make Sirari – also known as Bolivian Mahogany – the homeowners choice over its rival Philippine Mahogany. We stock only 100% heartwood, rich reddish brown, which makes for a unparallel look when comparing to any other solid wood decking.

Sirari is an unknown Bolivian specie, which definitely is a **great opportunity** to buy due its accessible price (at least for the moment). Also, Sirari is definitely not as coarse as Cambara. The structure of Sirari is as fine as Mahogany.

Check the similarity in color yourself (clicking on the picture – online – enlarge the photo's)



Anyway, this is not about Sirari, but about Cambara. Nevertheless, one should consider buying Sirari instead of Cambara, especially since it is better and cheaper.

We, love to sell you both Cambara *and* Sirari, or Cambara and Sirari as a trail! For more on Sirari, please check:

<http://www.roquevalente.com/bolivian-mahogany.htm>

We are looking forward to hearing from you soon at info@roquevalente.com



Sirari – Bolivian mahogany decking



V" groove Sirari ceiling (with 2 coats of clear polyurethane)

Interested in Sirari or Cambara (or both)? Feel free to ask for the price at: info@roquevalente.com