

ROBLE

SPECIES IDENTIFICATION

SCIENTIFIC NAME	<i>Amburana cearensis</i> (Allemão) A.C.Smith
FAMILY	LEG. PAPILIONOIDEAE
COMMERCIAL NAME	Cerejeira
OTHER NAMES	Palo trebol (Argentina), Soriocó (Bolivia),
DISTRIBUTION AREA	Humid subtropical forests in transition to temperate humid forests. Departments of Santa Cruz, Beni and Tarija.
REGION AND FREQUENCY	Very frequent in Chiquitanía, Bajo Paraguá, Amazonian foothills and frequent in Guarayos and Amazonia

TREE DESCRIPTION

TREETOP	Medium, intense green foliage , composite leaves
TRUNK	Straight and cylindrical with commercial heights up to 30 m
BARK	It contains a oily resin, which is volatile and fragrant, used for medicinal purposes.

GENERAL CHARACTERISTICS

SAPWOOD COLOR	White yellowish	HEARTHWOOD COLOR	Brown yellowish
ODOR	Peculiar	TASTE	Indistinct
LUSTER	Brigth	GRAIN	Interlocked
STRIPED	Intense	TEXTURE	Tenuous

ANATOMIC DESCRIPTION

ANNUAL GROWTH RINGS

Visibility	Almost imperceptible	Average Number	Slightlys
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PORES

Visibility	Visible at sight	Porosity	Diffuse
Type	Solitaries and biserial	Shape	

PARENCHYMA

Visibility	Visible at sight	Quantity	Abundant
Type	Paratraqueal with centric vessels		

RADIUS

Visibility	Visible at sight	Contrast	Present
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Stratification	Absent
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PHYSICAL PROPERTIES

MOISTURE CONTENT (GREEN LUMBER)	%
BASIC DENSITY	0,5 g/cm ³
DENSITY (12% MOISTURE CONTENT)	0,53 g/cm ³
RADIAL SHRINKAGE	3 %
TANGENTIAL SHRINKAGE	4,3 %
VOLUMETRIC SHRINKAGE	8,1 %
RATE T/R	1,4

MECHANICAL RESISTANCE

MODULUS OF ELASTICITY	100 – 120 1000 Kg/cm ²
MODULUS OF RUPTURE	720 Kg/cm ²
COMPRESSION PARALELL TO GRAIN	453 Kg/cm ²
QUARTEREDSAWED	< 90 Kg/cm ²
LATERAL HARDNESS	546 Kg
IMPACT BENDING	Kg-m

TECHNNICAL CONDITIONS FOR PROCESSING

MACHINING	Easy machining . Good finishing.
PRESERVATION	Rather permeable
NATURAL DURABILITY	Low durability without preservation treatment
DRYING	Air drying is slow, A soft kiln schedule is recommended.

END USES

Construction	Decorative Veneer
Doors	Furniture
Windows	Flooring
Doors and window frames	

Source: MDSP, FAO PAF-BOL, IBAMA, LPF “Información Técnica para el Procesamiento Industrial de 134 especies maderables de Bolivia”. Serie Técnica XI. 2002. (Translated by Fernando Aguilar . Marketing - CADEFOR)