

TINTO

SPECIES IDENTIFICATION

SCIENTIFIC NAME	<i>Callisthene fasciculata</i> Mart.
FAMILY	VOCHYSIACEAE
COMMERCIAL NAME	Carvão Branco
OTHER NAMES	Pau-terra, Capitão (Brazil)
DISTRIBUTION AREA	
REGION AND FREQUENCY	

TREE DESCRIPTION

TREETOP

TRUNK

BARK

GENERAL CHARACTERISTICS

SAPWOOD COLOR	Light brown- grayish	HEARTHWOOD COLOR	Brown- grayish
ODOR	Indistinct	TASTE	Indistinct
LUSTER	Tenuous	GRAIN	Irregular
STRIPED		TEXTURE	

ANATOMIC DESCRIPTION

ANNUAL GROWTH RINGS

Visibility		Average Number
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PORES

Visibility	With magnifying glass 10 x	magnifying	Porosity
Type	Solitaires and radial radiales	multiple	Shape

PARENCHYMA

Visibility	With magnifying glass 10 x	magnifying	Quantity
Type			

RADIUS

Visibility	With magnifying glass 10 x	magnifying	Contrast	Absent
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Stratification Absent

PHYSICAL PROPERTIES

MOISTURE CONTENT (GREEN LUMBER)	%
BASIC DENSITY	0,79 g/cm ³
DENSITY (12% MOISTURE CONTENT)	0,86 g/cm ³
RADIAL SHRINKAGE	4,36 %
TANGENTIAL SHRINKAGE	6,15 %
VOLUMETRIC SHRINKAGE	12,54 %
RATE T/R	1,41

MECHANICAL RESISTANCE

MODULUS OF ELASTICITY	1000 Kg/cm ²
MODULUS OF RUPTURE	Kg/cm ²
COMPRESSION PARALELL TO GRAIN	Kg/cm ²
QUARTEREDSAWED	Kg/cm ²
LATERAL HARDNESS	Kg
IMPACT BENDING	Kg-m

TECHNNICAL CONDITIONS FOR PROCESSING

MACHINING

PRESERVATION Rather permeable in cold inmersion

NATURAL DURABILITY Durable, resistant to attack of fungi and highly resistant to attack of insects

DRYING

END USES

Construction Pisos

Parquet

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)