Common name:	BUBINGA			
Family: Scientific name(s):	CAESALPINIACEAE Guibourtia demeusei Guibourtia pellegriniana Guibourtia tessmannii			
LOG DESCRIPTION		WOOD DESCRIPTION	1	
Diameter: Thickness of sapwood: Floats: Durability in forest : Note:	from 90 to 150 cm from 2 to 8 cm no Moderate (treatment recommended) Wood pink or reddish brown, w sometimes wavy.	Sapwood: Texture: Grain: Interlocked grain:	Red brown Clearly demarcated Medium Straight or interlocked Slight eins. Some brown veins	s. Grain
PHYSICAL PROPERTIES Physical and mechanical origin and growth condit	properties are based on mature hea	MECHANICAL PROPE artwood specimens. These pr		ly depending on
Density *: Monnin hardness*: Coef of volumetric shrinkag Total tangential shrinkage Total radial shrinkage: Fibre saturation point: Stability: Note:	•	Crushing strength *: Static bending strength Modulus of elasticity * (*: at 12 % moisture co	*: 20180 MPa	standard deviation 10 38 5592 m2 )
NATURAL DURABILIT Fungi and termite resista Except for special comm		ate climate. is based on mature heartwood	od.	
Fungi:Class 2 - durableDry wood borers:Durable; sapwood demarcated (rinTermites:Class D - DurableTreatability:4 - not permeable			EN sta	
Biological hazard class*: Note:	4 - in ground or fresh water con This species is listed in the Euro	0 1	2.	
COUNTRIES - LOCAL N	AMES			
CameroonECameroonEDem Rep of CongoWEquatorial GuineaCGabonEGabonK	Local names BUBINGA ESSINGANG WAKA DVENG EBANA KEVAZINGO AKUME			

# BUBINGA

## REQUIREMENT OF A PRESERVATIVE TREATMENT

Against dry wood borer attacks: In case of temporary humidification risk: In case of permanent humidification risk: Does not require any preservative treatment Does not require any preservative treatment Does not require any preservative treatment

DRYING		Possible drying schedule			
Drying rate: Risk of distortion:	Slow High risk	M.C. (%)	Tempera dry-bulb	ature (°C) wet-bulb	Air humidity (%)
Risk of casehardening: Risk of checking: Risk of collapse:	No High risk No	Green 50 40	42 48 48	39 43 43	82 74 74
		30 15	48 54	43 46	74 63

This shedule is given for information only and is applicable to thickness < 38 mm.

It must be used in compliance with the code of practice.

For thickness from 38 to 75 mm, the air relative humidity should be increased by 5 % at each step.

For thickness over 75 mm , a 10 % increase should be considered.

#### Note:

## SAWING AND MACHINING

Blunting effect:	Fairly high
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten carbide
Peeling:	No information available
Slicing:	Good
Note:	Requires power. Care is needed in presence of interlocked grain. Very decorative veneers.

## ASSEMBLING

Nailing / Screwing:	Good but pre-boring necessary
Gluing:	Correct (for interior only)
Note:	Gluing must be done with care (dry wood and smooth surface).

# END-USES

Main known end-uses; they must to be implemented according to the code of practice. Important remark: some end-uses are mentionned for information (traditional, regional or ancient end-uses).

Cabinetwork (high class furniture) Sliced veneer Interior panelling Flooring Stairs (inside) Turned goods Current furniture or furniture components Interior joinery Seats Exterior joinery Sleepers Heavy carpentry Vehicle or container flooring

A period of surface drying prior to kiln drying is recommended to avoid defects.