

WOOD DESCRIPTION

Color:	Brown
Grain:	Straight
Interlocked Grain:	Absent
Sapwood:	Clearly demarcated
Texture:	Medium
Diameter:	40 - 120 cm
Thickness of sapwood:	3 - 5 cm
Log durability:	Moderate
Floats:	Yes

Physical description

Crushing strength*:	38 (+/- 6)
Specific gravity *:	0,46 (+/- 0,05)
Stability:	Stable
Static bending strength*:	62 (+/- 12)
Monnin hardness *:	1,6 (+/- 0,4)
Modulus of elasticity *:	9210 (+/- 1753)
Coeff. of volumetric shrinkage:	0,38 % (+/- 0,05)
Total radial shrinkage (RS):	3,9 % (+/- 0,8)
Total tangential shrinkage (TS):	6,0 % (+/- 0,6)
TS/RS ratio:	1,5
Fiber saturation point:	29 %
Musical quality factor:	112,4 at 2925 Hz

(* at 12% moisture content, with 1 MPa = 1 N/mm²)

Durability

Dry wood borers:	Class D - Durable
Fungi:	Class 2 - Durable
Termites:	Class M - Moderately durable
Treatability:	Class 3 - Poorly permeable

DRYING

Drying rate:	Rapid
Risk of distortion:	Slight risk
Risk of casehardening:	No
Risk of checking:	Slight risk
Risk of collapse:	Yes
Note:	Light wood must be dried at low temperature in order to avoid risks of collapse

SAWING AND MACHINING

Blunting effect:	Normal
Sawteeth recommended:	Ordinary or alloy steel
Cutting tools:	Ordinary
Peeling:	Good
Slicing:	Nood
Note:	The presence of resin may cause the clogging of saw blades. Surface sometimes fuzzy