

WOOD DESCRIPTION

Color:	Yellow brown
Grain:	Straight
Interlocked Grain:	Absent
Sapwood:	Clearly demarcated
Texture:	Coarse
Diameter:	60 - 80 cm
Thickness of sapwood:	3 - 9 cm
Log durability:	Moderate
Floats:	No

Physical description

Crushing strength*:	73 (+/- 3)
Specific gravity *:	0,85 (+/- 0,05)
Stability:	Poorly stable
Static bending strength*:	147 (+/- 17)
Monnin hardness *:	6,2 (+/- 1,8)
Modulus of elasticity *:	22610 (+/- 3100)
Coeff. of volumetric shrinkage:	0,68 % (+/- 0,07)
Total radial shrinkage (RS):	5,4 % (+/- 0,4)
Total tangential shrinkage (TS):	10,0 % (+/- 0,8)
TS/RS ratio (Fiber saturationpoint):	1,9
Fiber saturation point:	27 %
Musical quality factor:	138 at 2861 Hz

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

Durability

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

DRYING

Drying rate:	Normal to slow
Risk of distortion:	High risk
Risk of casehardening:	No
Risk of checking:	High risk
Risk of collapse:	No
Note:	Slow and careful drying recommended to reduce defects.

SAWING AND MACHINING

Blunting effect:	Fairly high
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten Carbide
Peeling:	Not specified
Slicing:	Nood
Note:	Requires much power. Silica content is variable.