

WOOD DESCRIPTION

Color:	Red brown
Grain:	Interlocked
Interlocked Grain:	Marked
Sapwood:	Clearly demarcated
Texture:	Medium
Diameter:	60 - 150 cm
Thickness of sapwood:	5 - 15 cm
Log durability:	Good
Floats:	No

Physical description

Crushing strength*:	95 (+/- 10)
Specific gravity *:	1,04 (+/- 0,09)
Stability:	Moderately stable to poorly stable
Static bending strength*:	141 (+/- 13)
Monnin hardness *:	8,6 (+/- 2,1)
Modulus of elasticity *:	18940 (+/- 2356)
Coeff. of volumetric shrinkage:	0,68 % (+/- 0,04)
Total radial shrinkage (RS):	6,5 % (+/- 1,1)
Total tangential shrinkage (TS):	10,0 % (+/- 1,5)
TS/RS ratio (Fiber saturation point):	1,5
Fiber saturation point:	26 %
Musical quality factor:	100 at 2155 Hz

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

Durability

Dry wood borers:	Class D - Durable
Fungi:	Class 1 - Very durable
Termites:	Class D - Durable
Treatability:	Class 3 - Poorly permeable

DRYING

Drying rate:	Slow
Risk of distortion:	High risk
Risk of casehardening:	No
Risk of checking:	High risk
Risk of collapse:	Yes
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:	Not specified
Note:	Hard to saw due to hardness and interlocked grain.