

WOOD DESCRIPTION

Color:	Brown
Grain:	Interlocked
Interlocked Grain:	Marked
Sapwood:	Clearly demarcated
Texture:	Fine
Diameter:	60 - 100 cm
Thickness of sapwood:	3 - 9 cm
Log durability:	Good
Floats:	No

Physical description

Crushing strength*:	95 (+/- 10)
Specific gravity *:	1,04 (+/- 0,09)
Stability:	Moderately stable
Static bending strength*:	166 (+/- 28)
Monnin hardness *:	14,6 (+/- 3,1)
Modulus of elasticity *:	22760 (+/- 2244)
Coeff. of volumetric shrinkage:	0,68 % (+/- 0,09)
Total radial shrinkage (RS):	5,1 % (+/- 0,5)
Total tangential shrinkage (TS):	6,4 % (+/- 0,9)
TS/RS ratio (Fiber saturation point):	1,3
Fiber saturation point:	20 %
Musical quality factor:	166 at 2346 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 4 - Not permeable

DRYING

Drying rate:	Slow
Risk of distortion:	Slight risk
Risk of casehardening:	No
Risk of checking:	Slight risk
Risk of collapse:	No
Note:	A slow drying is recommended in order to reduce defects, especially with thick boards.

SAWING AND MACHINING

Blunting effect:	Fairly high
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten Carbide
Peeling:	Not specified
Slicing:	Nood
Note:	Sawdust may cause dermatosis.