

WOOD DESCRIPTION

Color:	Red Browne
Grain:	Straight or interlocked
Interlocked Grain:	Slight
Sapwood:	Clearly demarcated
Texture:	Coarse
Diameter:	60 - 90 cm
Thickness of sapwood:	3 - 5 cm
Log durability:	Good
Floats:	No

Physical description

Crushing strength*:	72 (+/- 12)
Specific gravity *:	0,86 (+/- 0,09)
Stability:	Poorly stable
Static bending strength*:	128 (+/- 24)
Monnin hardness *:	8,8 (+/- 2,0)
Modulus of elasticity *:	20170 (+/- 4724)
Coeff. of volumetric shrinkage:	0,65 % (+/- 0,10)
Total radial shrinkage (RS):	4,6 % (+/- 0,6)
Total tangential shrinkage (TS):	7,3 % (+/- 0,7)
TS/RS ratio (Fiber saturationpoint):	1,6
Fiber saturation point:	23 %
Musical quality factor:	140 at 2880 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:	Rapid to normal
Risk of distortion:	Slight risk
Risk of casehardening:	No
Risk of checking:	Slight risk
Risk of collapse:	No

SAWING AND MACHINING

Blunting effect:	Fairly high
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten Carbide
Peeling:	Bad
Slicing:	Nood
Note:	It is difficult to obtain a smooth surface in planing because of the alternate bands of hard and soft wood.