

WOOD DESCRIPTION

Color:	Dark red
Grain:	Straight or interlocked
Interlocked Grain:	Slight
Sapwood:	Clearly demarcated
Texture:	Fine
Diameter:	50 - 70 cm
Thickness of sapwood:	4 - 20 cm
Log durability:	Moderate
Floats:	No

Physical description

Crushing strength*:	106 (+/- 16)
Specific gravity *:	1,10 (+/- 0,11)
Stability:	Stable
Static bending strength*:	162 (+/- 38)
Monnin hardness *:	17,6 (+/- 4,1)
Modulus of elasticity *:	28130 (+/- 1860)
Coeff. of volumetric shrinkage:	0,59 % (+/- 0,05)
Total radial shrinkage (RS):	4,1 % (+/- 0,3)
Total tangential shrinkage (TS):	5,9 % (+/- 0,3)
TS/RS ratio (Fiber saturationpoint):	1,4
Fiber saturation point:	21 %
Musical quality factor:	152 at 2623 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 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

SAWING AND MACHINING

Blunting effect:	Fairly high
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten Carbide
Peeling:	Bad
Slicing:	Nood
Note:	Requires much power. Some difficulties due to hardness. Good finish and beautiful polish