

## WOOD DESCRIPTION

<b>Color:</b>	Pinkish brown
<b>Grain:</b>	Straight or interlocked
<b>Interlocked Grain:</b>	Marked
<b>Sapwood:</b>	Not clearly demarcated
<b>Texture:</b>	Medium
<b>Diameter:</b>	40 - 100 cm
<b>Thickness of sapwood:</b>	3 - 8 cm
<b>Log durability:</b>	Moderate
<b>Floats:</b>	No

## Physical description

<b>Crushing strength*:</b>	71 (+/- 11)
<b>Specific gravity *:</b>	0,80 (+/- 0,13)
<b>Stability:</b>	Moderately stable
<b>Static bending strength*:</b>	122 (+/- 17)
<b>Monnin hardness *:</b>	7,8 (+/- 3,5)
<b>Modulus of elasticity *:</b>	19120 (+/- 1590)
<b>Coeff. of volumetric shrinkage:</b>	0,47 % (+/- 0,10)
<b>Total radial shrinkage (RS):</b>	4,6 % (+/- 0,6)
<b>Total tangential shrinkage (TS):</b>	6,9 % (+/- 0,7)
<b>TS/RS ratio:</b>	1,5
<b>Fiber saturation point:</b>	23 %
<b>Musical quality factor:</b>	119,3 at 2689 Hz

(\* at 12% moisture content, with 1 MPa = 1 N/mm<sup>2</sup>)

## Durability

<b>Dry wood borers:</b>	Class C - Poorly durable
<b>Fungi:</b>	Class 3 - Moderately durable
<b>Termites:</b>	Class M - Moderately durable
<b>Treatability:</b>	Class 3 - Poorly permeable

## DRYING

<b>Drying rate:</b>	Normal to slow
<b>Risk of distortion:</b>	High risk
<b>Risk of casehardening:</b>	Yes
<b>Risk of checking:</b>	High risk
<b>Risk of collapse:</b>	No

## SAWING AND MACHINING

<b>Blunting effect:</b>	Fairly high
<b>Sawteeth recommended:</b>	Stellite-tipped
<b>Cutting tools:</b>	Tungsten carbide
<b>Peeling:</b>	Not specified
<b>Slicing:</b>	Not specified
<b>Note:</b>	Planing is often difficult