

WOOD DESCRIPTION

Color:	Light brown
Grain:	Interlocked
Interlocked Grain:	Slight
Sapwood:	Clearly demarcated
Texture:	Medium
Diameter:	50 - 90 cm
Thickness of sapwood:	3 - 5 cm
Log durability:	Moderate
Floats:	No

Physical description

Crushing strength*:	51 (+/- 8)
Specific gravity *:	0,66 (+/- 0,04)
Stability:	Moderately stable
Static bending strength*:	81 (+/- 9)
Monnin hardness *:	2,5 (+/- 0,8)
Modulus of elasticity *:	14170 (+/- 2604)
Coeff. of volumetric shrinkage:	0,54 % (+/- 0,06)
Total radial shrinkage (RS):	4,5 % (+/- 1,2)
Total tangential shrinkage (TS):	8,8 % (+/- 1,5)
TS/RS ratio (Fiber saturationpoint):	4,5
Fiber saturation point:	29 %
Musical quality factor:	95,3 at 2451 Hz

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

Durability

Dry wood borers:	Class D - Durable
Fungi:	Class D - Durable
Termites:	Class D - Durable
Treatability:	Class 4 - Not permeable

DRYING

Drying rate:	Slow
Risk of distortion:	Slight risk
Risk of casehardening:	yes
Risk of checking:	High risk
Risk of collapse:	Yes
Note:	High temperature steaming (80°C) improves drying. Drying is not recommended for thickness > 40 mm

SAWING AND MACHINING

Blunting effect:	Normal
Sawteeth recommended:	Ordinary or alloy steel
Cutting tools:	Ordinary
Peeling:	Good
Slicing:	Nood