

WOOD DESCRIPTION

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| Color: | Dark brown |
| Grain: | Straight or interlocked |
| Interlocked Grain: | Slight |
| Sapwood: | Clearly demarcated |
| Texture: | Medium |
| Diameter: | 40 - 60 cm |
| Thickness of sapwood: | 3 - 8 cm |
| Log durability: | Good |
| Floats: | No |

Physical description

| | |
|---|------------------------------------|
| Crushing strength*: | 110 (+/- 14) |
| Specific gravity *: | 1,20 (+/- 0,07) |
| Stability: | Moderately stable to poorly stable |
| Static bending strength*: | 202 (+/- 23) |
| Monnin hardness *: | 18,4 (+/- 4,1) |
| Modulus of elasticity *: | 32700 (+/- 2673) |
| Coeff. of volumetric shrinkage: | 0,82 % (+/- 0,06) |
| Total radial shrinkage (RS): | 6,3 % (+/- 1,2) |
| Total tangential shrinkage (TS): | 8,3 % (+/- 0,6) |
| TS/RS ratio: | 1,3 |
| Fiber saturation point: | 23 % |
| Musical quality factor: | 136,7 at 2799 Hz |

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

Durability

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|-------------------------|-------------------------|
| Dry wood borers: | Class D - Durable |
| Fungi: | Class 1 - Very durable |
| Termites: | Class D - Durable |
| Treatability: | Class 4 - Not permeable |

DRYING

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| Drying rate: | Slow |
| Risk of distortion: | Slight risk |
| Risk of casehardening: | No |
| Risk of checking: | High risk |
| Risk of collapse: | No |
| Note: | Drying must be done slowly and carefully done |

SAWING AND MACHINING

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|------------------------------|---|
| Blunting effect: | Fairly high |
| Sawteeth recommended: | Stellite-tipped |
| Cutting tools: | Tungsten carbide |
| Peeling: | Not specified |
| Slicing: | Nood |
| Note: | Requires much power. Difficulties due to hardness |