

Basralocus (Angelique)

WOOD DESCRIPTION

Color:	Brown
Grain:	Straight
Interlocked Grain:	Absent
Sapwood:	Clearly demarcated
Texture:	Medium
Diameter:	50 - 90 cm
Thickness of sapwood:	2 - 10 cm
Log durability:	Moderate (treatment recommended)
Floats:	No

Physical description

Crushing strength*:	70 (+/- 3)
Specific Gravity *:	0,79 (+/- 0,05)
Stability:	Moderately stable
Static bending strength*:	121 (+/-3)
Monnin hardness *:	5,7 (+/-0,7)
Static bending strength *:	121 (+/-46)
Modulus of elasticity *:	18350 (+/-2480)
Coeff. of volumetric shrinkage:	0,55%
Total radial shrinkage (RS):	5,10%
Total tangential shrinkage (TS):	8,20%
TS/RS ratio (Fiber saturation point):	1,6
Fiber saturation point:	29%
Musical quality factor:	126 at 2925 Hz

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

Durability

Dry wood borers:	Class D - Durable
Fungi:	Class 2 - Durable
Termites:	Class M - Moderately durable
Treatability:	Class 4 - Not permeable

DRYING

Drying rate:	Normal to slow
Risk of distortion:	Slight risk
Risk of casehardening:	No
Risk of checking:	Slight risk
Risk of collapse:	No

SAWING AND MACHINING

Blunting effect:	High
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten carbide
Peeling:	Good
Slicing:	Nood
Note:	Must be sawn green in order to reduce blunting effect