

## Zwarte Kabbes (Sucupira Preta)

### WOOD DESCRIPTION

<b>Color:</b>	Dark brown
<b>Grain:</b>	Straight or interlocked
<b>Interlocked Grain:</b>	Slight
<b>Sapwood:</b>	Clearly demarcated
<b>Texture:</b>	Medium
<b>Diameter:</b>	40 - 60 cm
<b>Thickness of sapwood:</b>	1 - 2 cm
<b>Log durability:</b>	Moderate
<b>Floats:</b>	No

### Physical description

<b>Crushing strength*:</b>	88 (+/- 10)
<b>Specific gravity *:</b>	0,91 (+/- 0,06)
<b>Stability:</b>	Moderately stable to poorly stable
<b>Static bending strength*:</b>	141 (+/- 10)
<b>Monnin hardness *:</b>	9,4 (+/- 2,8)
<b>Modulus of elasticity *:</b>	22300 (+/- 3100)
<b>Coeff. of volumetric shrinkage:</b>	0,61 % (+/- 0,08)
<b>Total radial shrinkage (RS):</b>	4,9 % (+/- 0,8)
<b>Total tangential shrinkage (TS):</b>	7,0 % (+/- 0,8)
<b>TS/RS ratio:</b>	1,4
<b>Fiber saturation point:</b>	24 %
<b>Musical quality factor:</b>	128,6 at 2918 Hz

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

### Durability

<b>Dry wood borers:</b>	Class D - Durable
<b>Fungi:</b>	Class 2 - Durable
<b>Termites:</b>	Class D - Durable
<b>Treatability:</b>	Class 3 - Poorly permeable

### DRYING

<b>Drying rate:</b>	Normal to slow
<b>Risk of distortion:</b>	Slight risk
<b>Risk of casehardening:</b>	No
<b>Risk of checking:</b>	Slight risk
<b>Risk of collapse:</b>	No
<b>Note:</b>	Drying must be done slowly and carefully

### 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>	Nood
<b>Note:</b>	Sometimes difficulties due to interlocked grain. Good finish after filling