

## Tali (*Erytrophleum ivorense* A. CHEV.)



Growth area: Tropical Africa.

Trees: The rarely straight cylindrical branch free trunk is on average 10 - 20m long and has a diameter of about 100cm, depending on the age and height of the tree.

Description: The unseasoned heartwood is yellow till orangebrown. At daylight the wood discolours to darkbrown or reddish darkbrown. The small sapwood is about 6cm wide and is yellowgrey to darkyellow in colour. Large differences in colour can occur. Tali has no specific figure.

Texture/Figure: Interlocked grain. Moderately fine texture.

Smell/Taste: The wood has no specific smell or taste.

Machining: Is difficult to machine. Due to the interlocked grain tools get blunted.

Gluing: Well.

Drying: Slowly with possibility to deformations. Proper stickering can avoid problems.

Fixation: Keeps nails and screws well, pre-drilling is necessary.

Durability: Class I.

Density: Unseasoned: 1000 - 1200 kg / m<sup>3</sup>; Moisture content 12%: 900 (800 - 1100) kg / m<sup>3</sup>

Shrinkage: Radial: 4,8%; Tangential: 8,4% (till oven-dry, in general less than this)

Bending strength: 154 N/mm<sup>2</sup> (Moisture content 12-15%, measurement till rupture)

Modulus of Elasticity: 16300 N/mm<sup>2</sup> (Moisture content 12-15%)

Applications: Heavy constructions, bridges, flooring, parquet, deckings, pulleys, turnery.

