

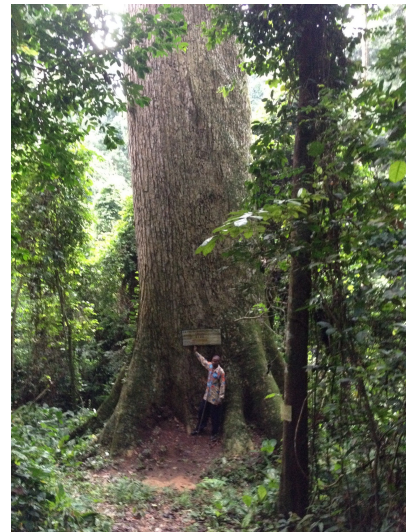
Sipo (*Entandrophragma utile*)



Growth area: Western and Central Africa.

Trees: The straight cylindrical branch free trunk is on average 10 - 30m in length and has a diameter of about 100cm, depending on the age and height of the tree.

Description: The heartwood is redbrown of colour, sometimes with a violetlike glance. The 2 – 6 cm wide sapwood can be distinguished easily as it is greypink till leightbrown of colour. Quarter sawn boards show a clear straight grained figure. Plain sawn timber shows a purple growth ring figure.



Texture/Figure: Most of the time a more or less regular interlocked grain, sometimes curly of wavy grain. Moderately fine texture.

Smell/Taste: Aromatic.

Machining: Can be machined well. Due to the interlocked grain planing should be done with an angle in order to obtain a smooth surface.

Gluing: Well.

Drying: Relatively slowly.

Fixation: Keeps nails and screws well. In contact with iron the wood discolours bluegrey.

Durability: Class II/III.

Density: Unseasoned: 750 – 850 kg / m³; Moisture content 12%: 650 (550 - 750) kg / m³.

Shrinkage: Radial: 5,2%; Tangential: 6,3% (till oven-dry, in general less than this).

Bending strength: 89 N/mm² (Moisture content 12-15%, measurement till rupture).

Modulus of Elasticity: 11600 N/mm² (Moisture content 12-15%).

Applications: Interior- and exterior works, windows, doors, stairs, skirting boards, ship-building, parquet, turnery, sculptures.