

Okan/Denya (*Cylicodiscus gabunensis* HARMS)



Growth area: Tropical West-Africa, mainly Nigeria and Ghana.

Trees: The straight cylindrical branch free trunk is about 20 – 30m in length and reaches a diameter of about 120 cm.

Description: The heartwood is yellow to goldbrown with a more or less light to darker coloured olive-like glance which due to daylight discolours to reddish brown, sometimes with a copper glance. The sapwood is light pink and about 5 – 8 cm wide.

Texture/Figure: Interlocked grain. Moderately fine texture.

Smell/Taste: No specific smell or taste.

Machining: Is difficult to machine. The planing of the wood blunts the tools considerably, nevertheless a smooth surface can be realized.

Gluing: Badly.

Drying: Slowly. Has the tendency to crack and split.

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

Durability: Class I.

Density: Unseasoned: 1100 - 1200 kg / m³; Moisture content 12%: 960 (850 - 1100) kg / m³

Shrinkage: Radial: 4,0%; Tangential: 7,3% (till oven-dry, in general less than this)

Bending strength: 133 N/mm² (Moisture content 12-15%, measurement till rupture)

Modulus of Elasticity: 17200 N/mm² (Moisture content 12-15%)

Applications: Marine works, sleepers, industrial flooring, horse-boxes.

