

Eveuss

Atibt

Eveuss

Other names

Ngon (Cameroon), ikele, kuma kuma (Congo), eves, eveuss (Equatorial Guinea, Gabon), kruma (Ghana), kroma (Côte d'Ivoire), odudu (Nigeria), mututtu (Oeganda).

Botanic name

Klainedoxa gabonesis Pierre.

Family

Irvingiaceae

Growth area

West-Africa



Tree Description

The tree height is up to 50m with a diameter of 0.9-1.0m. The branch-free straight cylindrical trunk is 20-30m long with a diameter of 0.6-10m above the thin to 3.5m high plank roots.

Supply

Sawn wood.

Wood Description

The color of the heartwood is fresh orange-yellow to golden brown and later discolours to dark brown with black veins, sometimes there is transitional wood. The sapwood can hardly be distinguished from the heartwood. Eveuss has no distinctive smell or taste

Wood Recognition

Heavy, brown in color, often dark veined, on head surface thin parenchyma bands.

Grain

Straight or cross thread, sometimes wavy thread.

Texture

Fine to moderately fine and uniform.

Voluminous mass

(900-)1060(-1100) kg/m³ at 12% moisture content, fresh about 1000-1150 kg/m³ (moisture content about 25%).

Shrinkage

Radial 7,7% and tangential 9,5%.

Drying

Slow.

Hardness

Longitudinal plane 10100 N.



Machinability	Because of its hardness, euevs is difficult to work with hand tools but machine it gives no problems. The surface is nice and smooth to finish.
Nailing & Screwing	Moderate. Pre-drilling recommended due to splitting.
Adhesives	Due to high hardness moderate to poor.
Bend	Not known.
Surface finish	Good.
Impregnability	Heartwood 3 (according to NEN-EN 350). Sapwood 2.
Applications	Heavy Duty Construction. Applications in fresh water, bridges and industrial and truck floors.
Strength class	Not known.

Sustainability

Relative resistance to mold

Heartwood class 1 (NEN-EN 350: practical experience and field research); heartwood and overgrowth class 2 (ENV 807). The possible presence of non or poorly visible sapwood may affect the expected durability.

Relative resistance to animal organisms

Heartwood: drywood borers D, termites D and marine borers S (NEN-EN 350). Under Belgian-Dutch conditions, resistance to pile worm appears to be D.