

Afrormosia

ORIGIN

Western Africa

SCIENTIFIC NAME

Pericopsis elata, Afrormosia elata

COMMON NAMES

Afrormosia, Kokrodua, Assamela

FAMILY

Fabaceae

SAPWOOD

Clearly demarcated

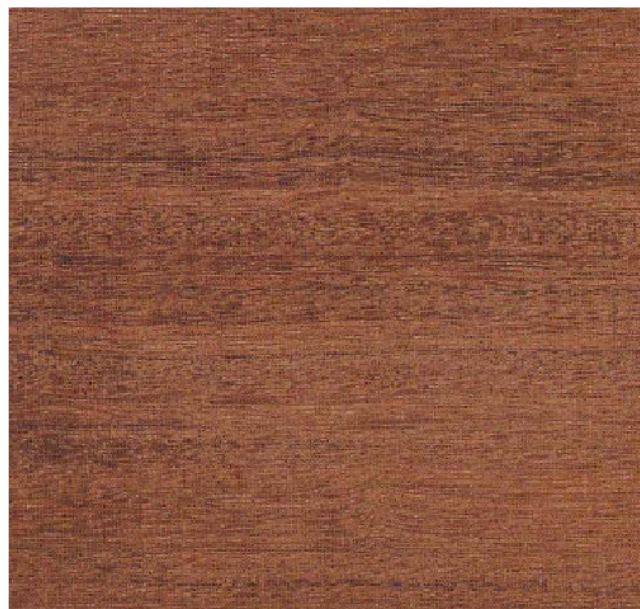
HEARTWOOD

COLOUR: Yellow brown

VEIN: Demarcated

GRAIN: Straight or interlocked

TEXTURE: Medium



PHYSICAL PROPERTIES

Green wood density (kg/m³): -

Density at 12% (kg/m³): 740

Total tangential shrinkage (t%): 5,9

Total radial shrinkage (r%): 3,2

Coeff. of volumetric shrinkage (v%): 0,50

Crushing strength (n/mm²): 64

Bending strength (n/mm²): -

Static bending strength (n/mm²): 93

Modulus of elasticity (n/mm²): 13.140

Monnin hardness: 7,0

TRANSFORMATION

SAWING: Good, doesn't require specific tools

DRYING RATE: Slow, slight risk of distortion and checking

MACHINING: -

FINISHING: -

GLUING: Regular, but must be done carefully, because it may be easily stained

NAILING: Good but pre-boring is necessary

SCREWING: Good but pre-boring is necessary

USE CLASS ENSURED BY NATURAL DURABILITY

Class 4

In ground or fresh water contact

END-USE

Interior and exterior panels

Interior and exterior carpentry
piles

Musical instruments

Light carpentry

Roofing

Boats

Sculptures

Frames