afromosia /assamela / pericopsis elata

Afromosia lumber is used untreated for in ground or water contact projects. Acid resistant.

Exterior uses with no required preservatives: naval construction, decking, joinery, garden furniture, chemical tanks.



Properties (12% moisture)

Color: brown

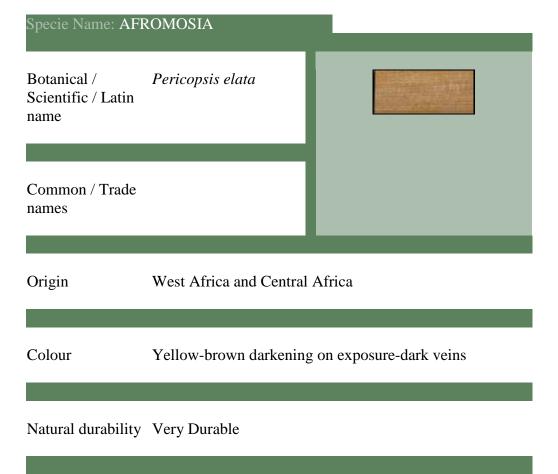
Density: 770 kg/m3

Compression Strength: 64 Mpa Modulus of Elasticity: 10,400 Mpa Modulus of Rupture: 130 Mpa

Nail Holding: good Planing: easy Sawing: easy Finishing: good

Decay resistibility: very resistant

Wear resistibility: resistant



Characteristics Grain: Straight to occasionally interlocked Texture: Fine to

medium Silver figure: fine

Uses Decorative veneer, furniture, interior and exterior joinery,

stairs – house flooring, boat building

Working properties

Easy sawing, slow drying, machining difficulties due to irregular grain, wood bending moderate, good gluing, nailing good (good holding properties), good finishing

Numerical Values

Category	Green	Dry	
Bending Strenght	995	1357	kg/cm2
Crushing Strenght (Perp.)			kg/cm2
Max. Crushing Strength	516	695	kg/cm2
Static Bending (FSPL)			kg/cm2
Impact Strenght	131		cm2
Stiffness	120		1k kg/cm2
Work to max. Load	1.12	1.19	cm-kg/cm3
Hardness		754	kg
Shearing Strength		152	kg/cm2
Toughness			cm-kg

Specific Gravity	0.54	0.63	
Weight	721	689	kg/cm3
Density (Air dry)		737	kg/cm3
Radial Shrinkage (G->OD)		3	%
Tangential Shrink. (G->OD)		6	%
Volumetric Shrink. (G->OD)		10	%

tt Timber Group's Is also known as African Teak. It has a yellow amber colouring with black stripes. This timber is used mainly for flooring but quite often for furniture as well.