

EDINAM / TIAMA

Entandrophragma angolense



Harvested In:

Western tropical Africa

Family:

MELIACEAE (angiosperm)

WOOD DESCRIPTION

Color:	Red brown
Sapwood:	Clearly Demarcated
Texture:	Medium
Grain:	Interlocked

CHARACTERISTICS

- Easy to work
- Durable
- Resistant to termites

COMMON USES

- Cabinetwork
- Moulding
- Sliced veneer
- Paneling (interior / exterior)
- Joinery (interior / exterior)
- Stairs (interior)
- Flooring
- Furniture and Furniture components

AVAILABILITY

- Select & Better
- Mixed Grain, Plain Sawn, Quarter Sawn
- 4/4, 5/4, 6/4, 8/4 Thicknesses

PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	3.84 lbs/bf	Fiber Saturation Point:	32%
Specific Gravity:	0.44	Crushing Strength:	6,816 lbf
Janka Hardness (lbs):	940	Static Bending Strength:	11,603 lbf
Volumetric Shrinkage:	%	Modulus of Elasticity:	1,592,514 lbf
Total Tangential Shrinkage (TS):	8.0%	Stability:	Moderate to poor
Total Radial Shrinkage (RS):	4.6%		
TS/RS Ratio:	1.7		

WORKING PROPERTIES

Blunting Effect:	Normal	Slicing:	Good
Sawteeth Recommended:	Ordinary / Alloy steel	Nailing / screwing:	Good
Cutting Tools:	Ordinary	Gluing:	Good (interior only)
Peeling:	Good		

Note: When planing, if the grain is highly interlocked, a 15 degree cutting angle is necessary to avoid tearing. Tends to burn in mortising.

