IROKO

Milicia exelsa

Iroko is a durable and versatile hardwood appreciated for its strength and stability. Native to the tropical regions of Central and West Africa, Iroko features heartwood that ranges from pale yellow to greenish tones, naturally developing into a rich golden-brown color as it is exposed to light. Its impressive resistance to rot, decay, moisture, and insect damage allows it to perform exceptionally well in demanding environments, making it an attractive and economical alternative to Teak. Commonly used for outdoor ceilings, interior flooring and paneling, architectural applications, and heavy-duty outdoor furniture.



Surfaced



Surfaced and clear coat

Harvested In:
Africa

Family:
MORACEAE (angiosperm)

WOOD DESCRIPTION

Color:	*Yellow brown*
Sapwood:	*Clearly Demarcated*
Texture:	*Coarse*
Grain:	*Interlocked*

CHARACTERISTICS

- Easy to work
- Durable
- Resistant to termites

COMMON USES

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

AVAILABILITY

- Select & Better
- Mixed Grain
- 4/4, 8/4 Thicknesses

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PHYSICAL / MECHANICAL PROPERTIES

Average Dried Weight:	*3.8 lbs/bf*
Specific Gravity:	*0.66*
Janka Hardness (lbs):	*1,260*
Volumetric Shrinkage:	*8.8%*
Total Tangential Shrinkage (TS):	*5.4%*
Total Radial Shrinkage (RS):	*3.5%*
TS/RS Ratio:	*1.5*

Fiber Saturation Point:	*23%*
Crushing Strength:	*7,832 lbf/in²*
Static Bending Strength:	*12,618 lbf/in²*
Modulus of Elasticity:	*1,862,284 lbf/in²*
Stability:	*Moderate*

** Based on 12% Moisture Content*

WORKING / FINISHING PROPERTIES

Blunting Effect:	*Fairly High*
Sawteeth Recommended:	*Stellite-tipped*
Cutting Tools:	*Tungsten carbide*
Peeling:	*Good*

Slicing:	*Good*
Nailing / screwing:	*Good*
Gluing:	*Good*

Note: The calcium carbonate deposits in some logs severely damage tools. Very irritant sawdust. Risks of tearing (irregular grain.)



