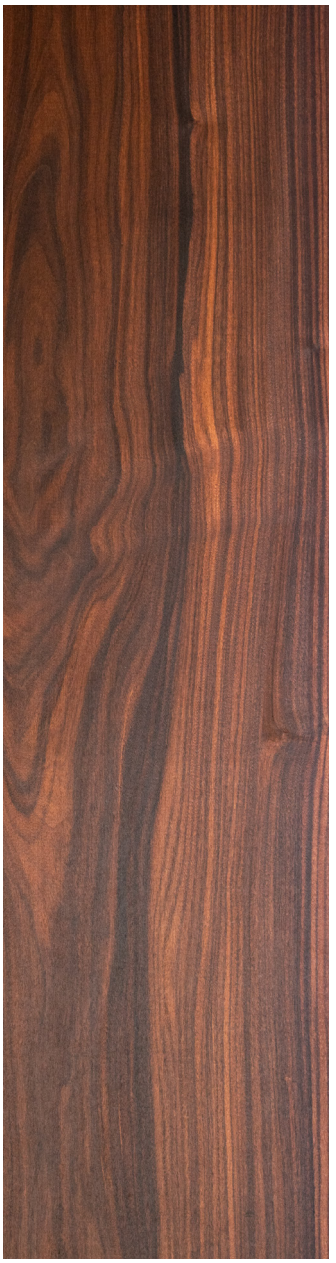
MORADO

Machaerium spp.

Morado, also known as Pau Ferro or Bolivian Rosewood, is a premium exotic hardwood native to the tropical forests of Brazil and Bolivia. Although not a true rosewood, Morado is highly regarded for its exceptional density, fine grain, and beautiful appearance, making it a sought-after alternative to Brazilian Rosewood. Its heartwood displays reddish-brown to deep violet-brown tones, accented by dramatic black streaks that create a distinctive and luxurious figure. Naturally rich in oils, Morado develops a smooth, lustrous finish. Morado is commonly used for high-end musical instruments, guitar fretboards, fine furniture, decorative veneers, and cabinetry.



Surfaced



Surfaced and clear coat



Harvested In:
Tropical South America

Family:
Leguminosae

WOOD DESCRIPTION

Color:	*Reddish orange to dark violet brown with dark black streaks*
Sapwood:	*Not demarcated*
Texture:	*Fine to medium*
Grain:	*Straight or Interlocked*

CHARACTERISTICS

- Easy to work
- Durable
- Resistant to termites

COMMON USES

- Furniture
- Cabinetwork
- Flooring
- Veneer
- Turned objects
- Decorative items
- Trimwork
- Musical instruments

AVAILABILITY

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

All Rights Reserved

PHYSICAL / MECHANICAL PROPERTIES

Average Dried Weight:	4.5 *lbs/bf*
Specific Gravity:	0.*70*
Janka Hardness (lbs):	1,*960*
Volumetric Shrinkage:	*9.9%*
Total Tangential Shrinkage (TS):	*6.7%*
Total Radial Shrinkage (RS):	*2.8%*
TS/RS Ratio:	*2.4*

Fiber Saturation Point:	*22%*
Crushing Strength:	*8,830 lbf/in²*
Static Bending Strength:	*17,750 lbf/in²*
Modulus of Elasticity:	*1,574,000 lbf/in²*
Stability:	*Stable*

** Based on 12% Moisture Content*

WORKING / FINISHING PROPERTIES

Blunting Effect:	*Moderate*
Sawteeth Recommended:	*Ordinary or alloy steel*
Cutting Tools:	*Ordinary*
Peeling:	*Good*

Slicing:	*Good*
Nailing / screwing:	*Good*
Gluing:	*Good (interior only)*





Morado