

Identification	
Name	MORADO
Scientific name	Machaerium spp. (Machaerium scleroxylon)
Family	PAPILIONOIDEAE
Common names in other countries	Caviuna; Santos; Palissander; Jacaranda; Tipa Pau-ferro; Jacarandá-vileta (Bra); Bolivian rosewood
General Description	Morado is found in temperate forests. The tree reaches heights up to 30 meters. The trunk is straight.
Anatomic Characteristics	
Heartwood color	Reddish orange to violet-brown with black veins
Sapwood color	Pale yellow
Texture	Moderate
Physical Properties	
Density (12% M.C.)	880 kg/m ³
Basic Density	750 kg/m ³
Total radial shrinkage	2,9%
Total tangential shrinkage	6,7%
Total volumetric shrinkage	10,6%
Rate T/R	2,3
Mechanical Properties (12% M.C.)	
Compression parallel to grain	614 kg/cm ²
Lateral hardness (Janka)	9510 N
Technical Conditions for processing	
Machining	Moderate
Air drying	Moderate
Natural durability	Very durable, except when in direct contact with soil
Permeability	Hard permeable

Interior picture



Morado DuoPlank 16x135mm