

IPE



NAMES

Pilot Name: IPE
Scientific Name: *Tabebuia spp.*
Family: *Bignoniaceae*

ORIGIN / TRADE NAMES

Origin: Central America and South America

Trade Names

Central America:	Amapa Prieta, Cortez	Paraguay:	Lapacho Negro
	Guayacan, Cortes	Peru:	Tahuari Negro
Bolivia:	Ipe, Lapacho		Ebano Verde
Brazil:	Ipe, Pau D'Arco	Surinam:	Groenhart
Colombia:	Canaguante, Polvillo	Trinidad & Tobago:	Puy
Guyana:	Hakia, Iron Wood		Yellow Poui
French Guiana:	Ebene Verte	Venezuela:	Acapro, Puy

WOOD DESCRIPTION

Sapwood: Clearly distinct, yellowish white (4 to 8 cm)
Heartwood: Olive brown to more or less dark brown, sometimes with fine veins
Grain: always interlocked, sometimes very highly
Texture: fine to medium Silver figure: extremely fine
Particularities: Pores filled with greenish yellow deposits (lapachol)/storeyed structure
sometimes perceptible / dust may cause dermatosis

TECHNOLOGICAL CHARACTERISTICS

Janka Scale hardness	3680
Green weight (kg/m ³):	1,300
Specific gravity at 12% (kg/m ³) (very heavy)	1,050
Total tangential shrinkage (T%)	6.5
Total radial shrinkage (R%)	5.2
Crushing strength at 12% (N/mm ²)	95
Static bending strength at 12% (N/mm ²)	184
Modulus of elasticity at 12% (N/mm ²)	18,800

PROCESSING

Sawing: easy/power required - blunting effect: moderate
Machining: difficulties in the presence of highly interlocked grain
Gluing: special precaution needed
Nailing: pre-boring necessary
Finishing: good / sometimes the deposits of "lapachol" may give trouble in painting and
varnishing / filling recommended
Remark: irritant saw-dust

USES

Cabinet work
Industrial and decorative flooring Decking