IPE

Handroantus spp.

Ipé is listed on CITES Appendix II
Trade is allowed, but closely monitored by CITES to avoid the threat of extinction.

Ipé is native to Central and South America and renowned as one of the world's most dense, durable, and long-lasting hardwoods. Its heartwood ranges from deep olive brown to nearly black, creating a rich, refined appearance. Exceptionally resistant to rot, decay, termites, moisture, and harsh weather conditions, Ipé delivers outstanding performance in demanding environments. Ipé is commonly used for luxury outdoor decking, boardwalks, marine construction, commercial flooring, and other high-traffic applications.

Harvested In:
Central and South America

Family:
BIGNONIACEAE (angiosperm)



Surfaced



Surfaced and clear coat

WOOD DESCRIPTION

Color:	*Redish brown with yellowish olive brown*
Sapwood:	*Clearly Demarcated*
Texture:	*Fine to medium*
Grain:	*Interlocked*

CHARACTERISTICS

- Difficult to work
- Very durable
- Resistant to termites

COMMON USES

- Outdoor decking
- Docks
- Piers
- Gazebos
- Outdoor furniture
- Exterior siding and soffits
- Fencing
- Stairs (interior / exterior)

AVAILABILITY

- Select & Better
- S4S, E4E, Grooved
- Various dimensions

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PHYSICAL / MECHANICAL PROPERTIES

Average Dried Weight:	*5.75 lbs/bf*
Specific Gravity:	1.10
Janka Hardness (lbs):	*3,510*
Volumetric Shrinkage:	*12.4%*
Total Tangential Shrinkage (TS):	*7.2%*
Total Radial Shrinkage (RS):	*5.9%*
TS/RS Ratio:	*1.2*

Fiber Saturation Point:	*20%*
Crushing Strength:	13,778 *lbf/in²*
Static Bending Strength:	*24,076 lbf/in²*
Modulus of Elasticity:	*3,301,060 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:	*Not Recommended*

Slicing:	*Good*
Nailing / screwing:	*Pre-boring necessary*
Gluing:	*Good*

Note: Gluing must be done carefully: wood may be easily stained.





