

IPE

Handroantus spp.



Harvested In:

Central and South America

Family:

BIGNONIACEAE (angiosperm)

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

PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	5.75 lbs/bf	Fiber Saturation Point:	20%
Specific Gravity:	1.10	Crushing Strength:	13,778 lbf
Janka Hardness (lbs):	3,680	Static Bending Strength:	24,076 lbf
Volumetric Shrinkage:	12.4%	Modulus of Elasticity:	3,301,060 lbf
Total Tangential Shrinkage (TS):	7.2%	Stability:	Moderate
Total Radial Shrinkage (RS):	5.9%		
TS/RS Ratio:	1.2		

WORKING PROPERTIES

Blunting Effect:	Fairly High	Slicing:	Good
Sawteeth Recommended:	Stellite-tipped	Nailing / screwing:	Pre-boring necessary
Cutting Tools:	Tungsten carbide	Gluing:	Good
Peeling:	Not Recommended		

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

