

Ipé

Most important characteristics	
Durability class	Class 1.
Specific gravity	Fresh 1200-1300 kg/m3. At 12% moisture content (950-)1050 (-1150) kg/m3.
Colour	The colour of Ipé hardwood is greenish brown-yellow.
Applications	Luxury decking, floors, furniture, facades, garden wood, but also suitable for construction work.
Strength class	D50
Hardness	13700 - 16700 N Janka.
Grain	Straight, sometimes interlocked or irregular grain.
Timber texture	Fine.
Stability	Moderate to high
Drying	Ipé wood dries quite slowly but has little tendency to deform or crack.
Workability	Due to its high density, Ipé wood is difficult to work as tools will blunt quickly. While planing, it is recommended to use small cutting angles to avoid crosshair problems. Ipé can be finished smoothly. Good extraction of the wood dust is recommended, as the released lapachol dust may cause skin issues (i.e. dermatitis) in sensitive people.
Details	Ipé has a fairly even structure without a pronounced pattern. The wood contains the ingredient lapachol, which is visible on the longitudinal surface as (greenish) yellow stripes. Lapachol turns red in contact with ammonia. This makes ipé (Surinamese greenheart) distinguishable from, for example, Demerara greenheart. The wood is very hard and strong, difficult to split and very elastic.
Screwing/nailing	Pre-drilling is necessary for Ipé wood.
Finishing of surface	The surface of Ipé planks can be finished well.
Botanical name	Tabebuia serratifolia
Origin area	Ipé hardwood grows in Tropical Central- and South America.
Other names	Bethabara, guyacan, madera negra (Ecuador), ebène vert, ebène jaune (French Guiana), whalebone greenheart (Guyana), amapa (Mexico), guayacan (Panama), lapacho negro, guayacan (Paraguay, Argentina), tahuari (Peru) , greenheart (Suriname).
Quality requirements	Ipé hardwood is mentioned in the NEN 5493 'Quality requirements for hardwood in earth, road and hydraulic engineering works and other constructive applications.
Remarks	Looking to buy Ipé wood? For the current price of Ipé, please contact us. We only supply FSC® certified tropical hardwood for responsible forest management.
Family	Bignoniaceae
Projects	Façade cladding Dusseldorp, Benches and Ipé decking planks at cemetery Sambeek, Façade cladding Villa Nieuwe Horne.