

## lpé

**Details** 

Remarks

Most important characteristics

**Durability class** Class 1. Strength class D60.

**Applications** Luxury decking, floors, furniture, facades, garden wood, but also suitable for construction work.

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.

> 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.

Grain Straight, sometimes cross-threads or irregular thread.

Timber texture Fine. Stability Average.

**Drying** Ipé wood dries quite slowly but has little tendency to deform or crack.

**Hardness** 13700 - 16700 N Janka.

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 Workability smoothly. Good extraction of the wood dust is recommended, as the released lapachol dust

may cause skin issues (i.e. dermatitis) in sensitive people.

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.

Bethabara, guyacan, madera negra (Ecuador), ebène vert, ebène jaune (French Guiana), Other names

whalebone greenheart (Guyana), amapa (Mexico), guayacan (Panama), lapacho negro,

guayacan (Paraguay, Argentina), tahuari (Peru), greenheart (Suriname).

Ipé hardwood is mentioned in the NEN 5493 'Quality requirements for hardwood in earth, road Quality requirements

and hydraulic engineering works and other constructive applications.

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

Façade cladding Dusseldorp, Benches and Ipé decking planks at cemetery Sambeek, Façade **Projects** 

cladding Villa Nieuwe Horne.