



## WOOD DESCRIPTIONS

#### Identification

Name LAPACHO

Scientific name Tabebuia spp

Family BIGNANIACEAE

Commercial name Diamond Walnut; Ipé, Tajibo

Common names in other countries Polvillo (Ven); Cañaguate Morado; Greenheart (Sur);

Tahuari (Per); Ipé-Roxo; Pau-d'arco, Ipé (Bra)

General Description Lapacho is found in humid temperate and subtropical

forests. The tree reaches up to 25 meters. The trunk is

straight and cylindrical.

#### **Anatomic Characteristics**

Heartwood color Greenish brown to greenish yellow-brown

Sapwood color Olive-brown
Texture Medium to fine

## **Physical Properties**

Density (12% M.C.)

Basic Density

850 kg/m3

Total radial shrinkage

7 total tangential shrinkage

5,6%

Total volumetric shrinkage

10,0%

Rate T/R

1,7

## **Mechanical Properties (12% M.C.)**

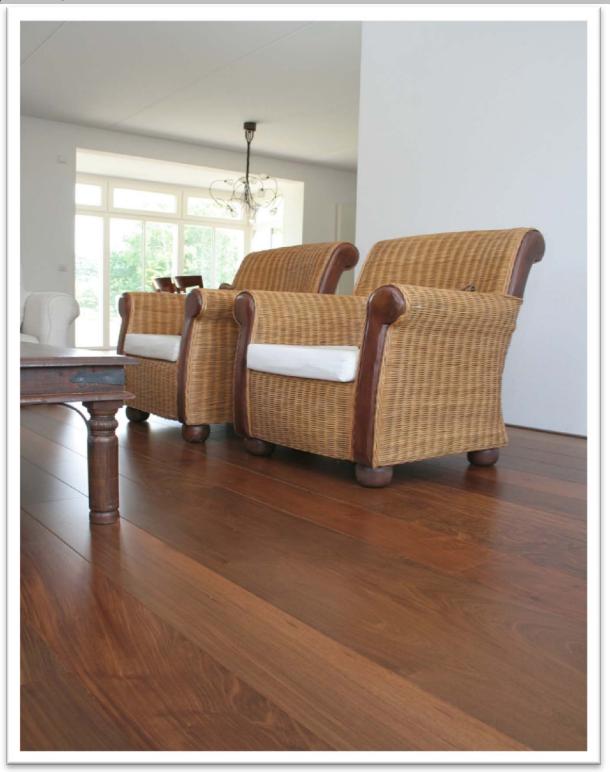
Static bending 1371 kg/cm2
Compression parallel to grain 719 kg/cm2
Lateral hardness (Janka) 13990 N

### **Technical Conditions for processing**

Machining Hard to normal. Pre-drilling is required

Air drying Very slowly
Natural durability Very durable
Permeability Impermeable

# Interior picture



Lapacho DuoPlank 20x180mm