

# DATA SHEET

Ipe



This technical sheet brings together the technological characteristics of the species as available according to the Center for International Cooperation in Agricultural Research for Development CIRAD. It also lists the technical properties brought specifically to the species according to the transformation and production by Vetedy.

## — THE IPE IS AVAILABLE IN

Decking  
**Softline**®



Decking  
**Technideck**®



Cladding  
**Techniclic**®



NEW



AFTER 6 MONTHS



Becomes gray over time in contact with humidity.

**Trade name:** Ipe

**Latin name:** *Tabebuia* spp.

**Origin:** South America

**Certifications subject to availability:**



**EUTR**

**FLEGT**  
licensed timber

## — NATURAL WOOD

**Sapwood:** clearly demarcated

**Colour:** yellowish brown to dark olive brown, sometimes finely veined. Canals contain a greenish-yellow deposit (lapchol).

**Grain:** interlocked

**Interlocked grain:** marked

**Texture:** fine

**Specific gravity:** 1040kg/m<sup>3</sup>

**Hardness:** Very hard

**Movement:** moderately stable

**Drying:** KD 13% (+/-2%)

**Surface:** smooth without groove

Ideal for outdoor constructions.

## — DURABILITY

**Use class:** Class 4 - In ground or fresh water contact.

**Covers class 5:** Yes under conditions

**Notes:** Due to its high density and hardness, this species naturally covers use class 5 (use in marine or brackish water). The duration of performance can be modified by the situation in service (as described by standard NF EN 335-2 of January 2007).

**Treatability:** Class 4 - Not permeable

**Termites:** Class D - Durable

**Funghi:** Class 1 - Very durable.

## — PHYSICAL CHARACTERISTICS

**Density at 12% humidity (Kg/m<sup>3</sup>) MV12:** 1040

**Coeff. of volumetric shrinkage:** 0.68

**Fiber saturation point:** 20%

**Total tangential shrinkage (TS):** 6.4%

**Total radial shrinkage (RS):** 5.1%

**TS/RS ratio:** 1.3

**Slippery:** Slightly slippery in normal conditions (except snow, frost, foam)

**Safety:** Wood dust can induce respiratory and skin pathologies. When cutting, the wood can give rise to overheating, splinters, etc.  
Appropriate protective equipment should be used.

**Storage:** As the wood is intended for outdoor use, it should be stored as close as possible to outdoor climatic conditions, sheltered from bad weather and direct sunlight (UV).

**Recycling:** In a suitable sorting center for destruction or recovery of the wood.

**Maintenance:** See **maintenance sheet**.

Vetedy declines all responsibility in the event of an error or in the event of a reassessment of the technical characteristics mentioned in the document by CIRAD after publication of the species sheets. 03/31/2023