

DATA SHEET

Padauk



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.

— PADOUK IS AVAILABLE IN

Decking
Softline®



Decking
Technideck®



Cladding
Techniclic®



NEW



AFTER 6 MONTHS



Becomes gray over time in contact with humidity. Sporadic white coloring that does not affect the quality of the wood.

Trade name: Padauk

Latin name: Pterocarpus soyauxii

Country of origin: Cameroon, Gabon, Congo

Certifications subject to availability:



EU TR

FLEGT
licensed timber

— NATURAL WOOD WITHOUT TREATMENT

Sapwood: clearly demarcated

Colour: orange to bright coral red sometimes veined with dark, turns brown with the UV's.

Grain: Straight or interlocked

Interlocked grain: slight

Texture: coarse

Ideal for outdoor constructions.

Specific gravity :

+/-790kg/m³ at 12% humidity

Hardness: hard

Movement: stable

Drying: KD 13% (+/-2%) according to Vetedy specifications

Surface: Smooth

— DURABILITY

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

Covers class 5: yes

Notes: this species is mentioned in standard NF EN 350-2 (July 2, 1994). It naturally covers use class 5 (use in marine or brackish water) only for use in temperate and cold environments. The duration of the performance can be modified by the situation in service (as described by standard NF EN 335-1 of January 2007).

Treatability: Class 2 - moderately permeable

Termites: Class D - durable

Funghi: Class 1 - very durable.

— PHYSICAL CHARACTERISTICS

Density at 12% humidity (Kg/m3) MV12: 790

Coeff. of volumetric shrinkage: 0.44

Fiber saturation point: 21%

Total tangential shrinkage (TS): 5%

Total radial shrinkage (RS): 3.2%

TS/RS ratio: 1.6

Slippery: not very 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