

DATA SHEET

Teck



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.

— TEAK IS AVAILABLE IN

Decking
Softline®



Decking
Technideck®



Cladding
Techniclic®



NEW



AFTER 6 MONTHS



Becomes gray over time in contact with humidity.

Trade name: Teak

Latin name: Tectona grandis

Origin: Asia

Certifications subject to availability:



EUTR

FLEGT
licensed timber

— NATURAL WOOD

Sapwood: clearly demarcated

Color: yellow brown. The wood darkens and takes on golden reflections with age. Sometimes black brown veins. Greasy to the touch.

Grain: straight

Interlocked grain: absent

Texture: coarse

Specific gravity: 670kg/m³

Hardness: semi-hard

Movement: Steady

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

Surface: Smooth

Ideal for outdoor constructions.

— DURABILITY

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

Covers class 5: Yes

Notes: The duration of performance may be modified by the situation in service (as described by standard NF EN 335-2 of January 2007). Due to a high silica content, this specie naturally covers use class 5 (use in a marine environment or in brackish water).

Treatability: Class 4 - Not permeable

Termites: Class M - Moderately durable

Funghi: Class 1 - Very durable

— PHYSICAL CHARACTERISTICS

Density at 12% humidity (Kg/m³) MV12: 670

Coeff. of volumetric shrinkage: 0.34

Fiber saturation point: 24%

Total tangential shrinkage (TS): 4.7%

Total radial shrinkage (RS): 2.6%

TS/RS ratio: 1.8

Slip: R11 according to UKSRG ES EN 14231

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