

DATA SHEET

Unijoint teak



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.

— UNIJOINT TEAK IS AVAILABLE IN



NEW



AFTER 6 MONTHS



Becomes gray over time in contact with humidity.

Trade name: Teak

Latin name: Tectona grandis (plantation)

Origin: Asia

Certifications subject to availability:



EUTR

FLEGT
licensed timber

— NATURAL WOOD

Sapwood: quite distinct

Color: honey brown golden reflection

Grain: straight

Interlocked grain: absent

Texture: coarse

Specific gravity: 670kg/m³

Hardness: semi-hard

Movement: weak

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

Surface: Smooth

Ideal for outdoor constructions.

Finger-jointed boards

— DURABILITY

Use class: N.C.

Treatability: Class 4 - not permeable

Funghi: Class 1- 3 - durable

Termites: Class M - moderately 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

Maximum load between standard joists (400mm): 250kg/m²

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