

DATA SHEET

MELYWOOD

GLOBAL VIEW

This technical sheet brings together the technological characteristics of the wood specie as available according to the Center for International Cooperation in Agronomic Research for Development CIRAD. It also lists the technical properties brought specifically to the specie according to the processing and manufacturing by Melywood.

CERTIFICATIONS



FLEGT
licensed timber

BASIC IDEA

Melywood comes from modification by injection into merbau in order to destroy the tannins contained in its fibers. This action gives merbau all the qualities desired for wood to be placed outdoors.

CHARACTERISTICS

Commercial name: Melywood

Latin name: Intsia Bijuga

Origin: Indonesia

Sapwood: Clearly demarcated

Color : Dark brown

Grain: Straight or interlocked

Interlocked grain: Slight

Texture: Coarse

Density: 750kg/m³

Hardness: Hard

Movement: Low or null

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

Surface: Smooth, anti slip (according to customer choice)

Fixation: Standard or invisible

Properties: 100% natural

Utilisation: Ideal for outdoor constructions.

DURABILITY

Funghi - Durability class: Class 1 to 2- Very durable to durable (Class 1 being the best)

Termites : Class D - Durable

Use class: Classe 4 - In ground or fresh water contact. (Class 4 being the best)

Notes: This species is mentioned in standard NF EN 350-2 (July 1994). It covers use class 4, but offers variable durability against marine borers, its use in a submerged marine environment is not recommended. Termite resistance ranges from «moderately durable» to «durable». The duration of performance can be modified by the situation in service (as described by standard NF EN 335-1 of January 2007).

Treatability: Class 4 - Not permeable

PHYSICAL CHARACTERISTICS

Maximum load standard center distance of joists (400mm): 400kg/m²

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

Density: 750kg/m²

Sécurité: Wood dust can cause respiratory and skin pathologies. When cutting, wood can cause overheating, splinters, etc. Suitable protective equipment must be used.

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

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

Maintenance: See maintenance sheet.



**Solid
wood**



**For all
climates**



**25 years
warranty**



**No
maintenance**

SOCIAL NETWORK :

Website: www.melywood.com

Instagram: @melywood

Tiktok: @melywood

MANUFACTURE & CONTACT :

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