

# DATA SHEET

## Melywood®



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®.

### — MELYWOOD® IS AVAILABLE IN



NEW



AFTER 6 MONTHS



Becomes gray over time in contact with humidity.

**Commercial name:** Melywood

**Latin name:** Intsia Bijuga

**Origin:** Indonésie

**Certifications subject to availability:**



**FLEGT**  
licensed timber

### — NATURAL WOOD

**Sapwood:** Clearly demarcated

**Colour:** 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)

**Face:** Smooth, anti slip

(according to customer choice)

*Contains no more tannins (at 95%).*

## — 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/m<sup>2</sup>

**Density:** 750kg/m<sup>2</sup>

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

**Security:** 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***.

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. 02/14/25