DATA SHEET
Arema Thermo

This technical sheet brings together the technological characteristics of the species as available according to the thermo-treatment process. It also lists the technical properties brought specifically to the species according to the transformation and production by Vetedy.

AREMA THERMO IS AVAILABLE IN

Decking Softline®	Decking Technideck®	Cladding Techniclic®
✗	✗	✓

NEW

AFTER 6 MONTHS

Turns gray over time in contact with humidity.

Trade name: Arema
Latin name: Shorea SPP
Origin : Indonesia / Malaisia

Certifications subject to availability:

EU TR FLEGT licensed timber

THERMO-HEATED NATURAL WOOD

Sapwood: very distinct
Color: Mid brown
Grain: interlocked
Interlocked grain: slight
Texture: middle

Ideal for interior and exterior cladding.

Wood density: +/- 520kg/m³
Hardness: semi-tender
Movement: very low
Drying: thermo-treated
Surface: smooth

DURABILITY*

Use class: Classe 3.2

EMC (20°C - 65% RH) : 5.2

MOR (breaking module) : 56.9

MOE (elasticity module) : 15.430

These characteristics show that Arema wood, after thermo-treatment, benefits from improved dimensional stability and increased durability, making it a suitable choice for exterior applications, particularly in cladding.

PHYSICAL CHARACTERISTICS (AIR-DRIED WOOD BEFORE THERMO)

Volumic mass : +/- 680kg/m³

Coeff. of volumetric shrinkage v% : 0,49%

Fiber saturation point: 29%

Total Tangential shrinkage (TS): 5,0%

Total radial shrinkage (RS): 4%

TS/RS ratio: 1,9

Security: 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: Since 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 sorting center suitable for destruction or recycling of the wood.

Interview: See ***maintenance sheet.***