

# THERMO-AYOUS.

Thermo-Ayous, a specialised type of thermally modified timber, is increasingly gaining recognition for its exceptional qualities and sustainable benefits.

Originating from the Ayous tree, commonly known as African whitewood or obéché, this wood undergoes a precise heat treatment process that enhances its durability, stability, and resistance to decay and insect attack, making it an ideal material for various applications.

## / BENEFITS /

### DURABILITY

Thermo-Ayous undergoes a thermal modification process that enhances its durability. It can withstand harsh weather conditions, heavy foot traffic and is highly resistant to rot, decay and insect damage.

### STABILITY

The thermal modification process reduces the wood's moisture content, resulting in improved dimensional stability and reduced warping or twisting. This stability makes it an excellent choice for environments with varying humidity levels.

### AESTHETICS

Thermo-Ayous boasts a rich, dark hue with a smooth, refined texture, offering a sophisticated and contemporary aesthetic. Its striking appeal, combined with its superior performance characteristics make it a preferred choice for architects, designers and builders.

### MAINTENANCE

With its natural resistance to decay and insects, Thermo-Ayous requires minimal maintenance over its lifespan. This reduces the need for frequent treatments or coatings and saves time and resources.

### ENVIRONMENTAL

Thermo-Ayous is a high-quality environmentally sustainable choice. The heat treatment process used to produce Thermo-Ayous is 100% natural, with no added chemicals. PEFC certified, Thermo-Ayous is sourced from responsibly managed forests and is recyclable and biodegradable.



## / TECHNICAL INFORMATION /

ORIGIN	Central West Africa
THERMO TEMPERATURE	220°C
DURABILITY CLASS	Class 2 above ground
MOISTURE CONTENT	4-7%
RAW DENSITY	430 kg
FIRE-RETARDANT PROPERTIES	Not applicable
CHAIN OF CUSTODY	PEFC certified

## / USES /

Thermo-Ayous is suitable for the following applications:

- external cladding
- lining
- interior design
- joinery

Thermo-Ayous

