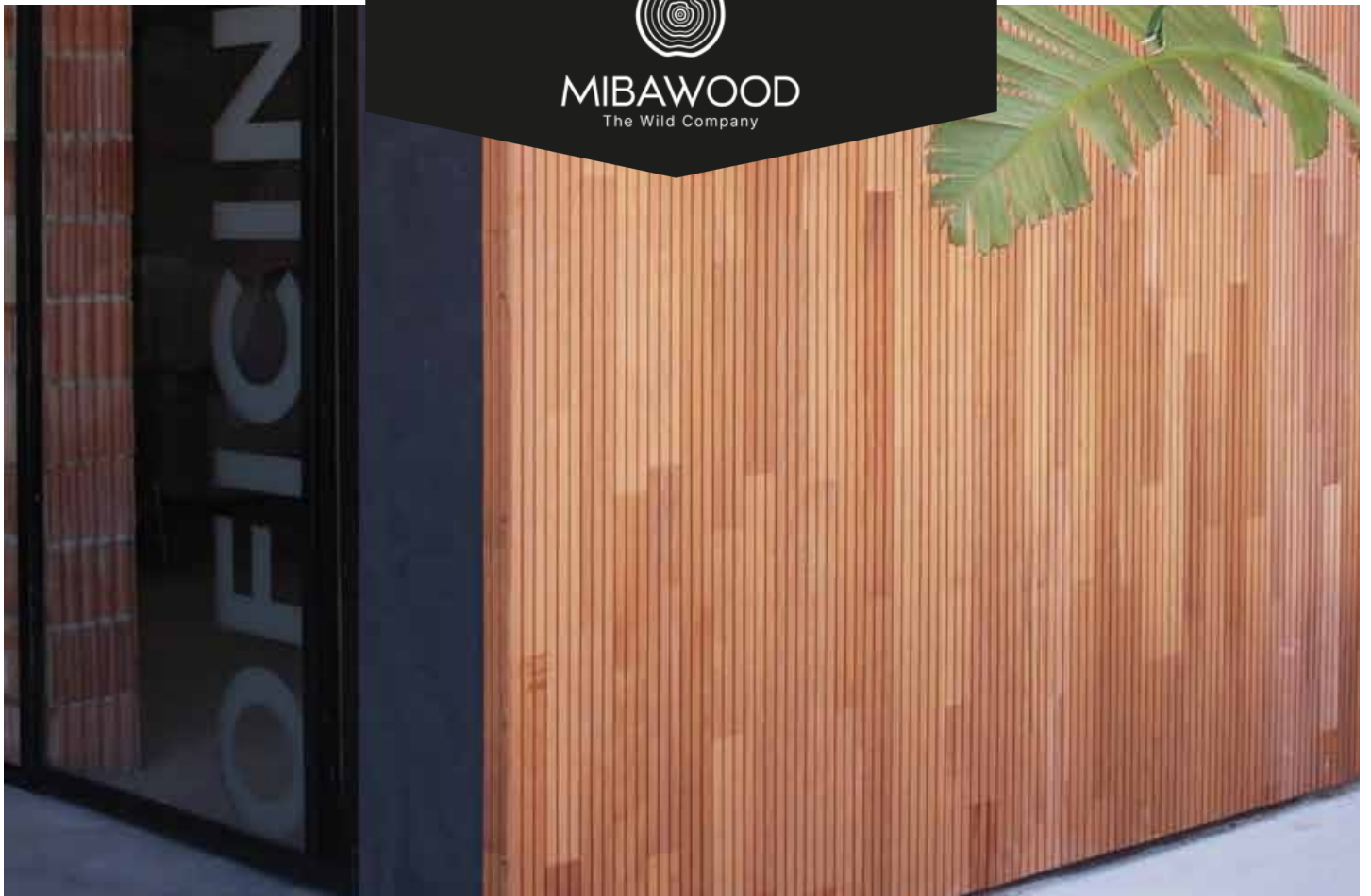




MIBAWOOD
The Wild Company



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INSTALLATION MANUAL Tropical hardwood cladding

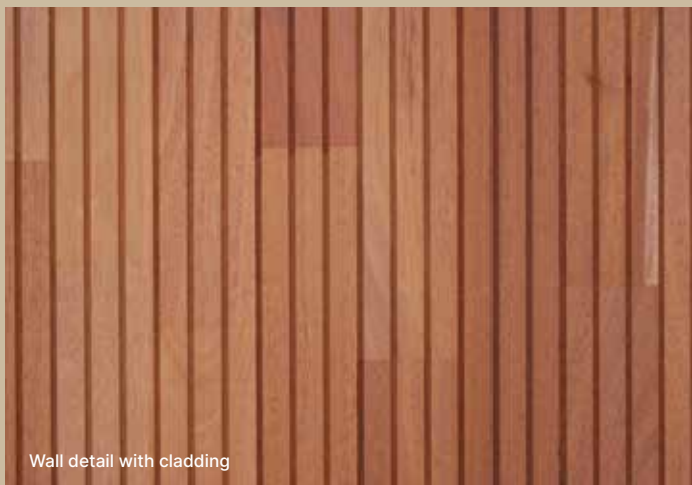


**VISIBLE INSTALLATION
STANDARD SCREW FIXING**



Tropical hardwood cladding and battens: innovation and quality with FSC® certification

The cladding planks and battens are manufactured from reclaimed tropical hardwoods originally used in musical instrument making. Using the FingerJoint system, the different formats are joined to create 2.2-meter-long planks, resulting in a unique design for each piece and enhancing the natural texture and color of the tropical hardwood.



Wall detail with cladding



Battens



FingerJoint Detail

REQUIRED MATERIALS

Use tools specifically designed for hardwoods. Pre-drill the tropical wood before screwing.

- Ø2 or Ø3 mm drill bit (hardwood) for drilling battens and pre-drilling cladding planks.
- Ø3.5 x 35 mm T15 screws to attach the planks to the battens.
- Rubber mallet.
- Mitre saw for cutting the first and last cladding planks.

TIPS

Tropical hardwoods are dense and heavy, requiring powerful, high-quality tools for handling. The cladding is suitable for both exterior and interior use. It is not suitable for damp or poorly ventilated areas. Avoid direct and frequent contact with water. The tropical hardwood should be unpacked at least 72 hours before installation and stored at the application site, ensuring it is not in direct contact with the ground. Before installation, all previous work (plastering, coatings, etc.) must be completed and completely dry. **The wall must be level and smooth.** The cladding should be fixed to battens to allow for proper ventilation of the internal structure. Use tropical hardwood battens with a minimum cross-section of 20 x 25 mm. The cladding can be installed horizontally or vertically.

Note on the color of tropical hardwoods: Tropical hardwoods, regardless of species or original color, develop a stone-gray tone over time due to exposure to UV rays and ambient humidity. This natural aging process does not affect the wood's structural properties. To maintain the wood's color, it is essential to apply a protective treatment that nourishes and moisturizes the wood (MibaProtect), preserving its natural color for longer and protecting it from solar radiation.

Maintenance: To clean, remove dust with a slightly damp cloth or carefully with a vacuum cleaner equipped with a soft brush attachment. If applying a protective coating to an untreated surface, it is recommended to lightly sand it to reduce the risk of fiber lift. Boards treated with MibaProtect can be cleaned with a sponge. The surface can be re-treated after light sanding.

SAFETY

During the installation process, it is recommended to use safety glasses, gloves and hearing protection.

IMPORTANT NOTE

It is recommended to create a layout plan before starting the installation to plan for:

- Battening
- Planks placement

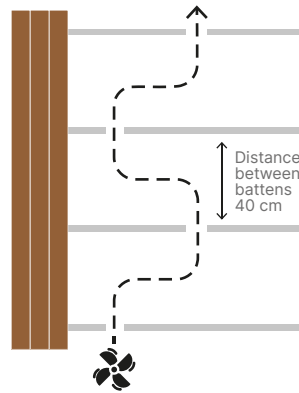
INSTALLATION

1. Installation of the battens

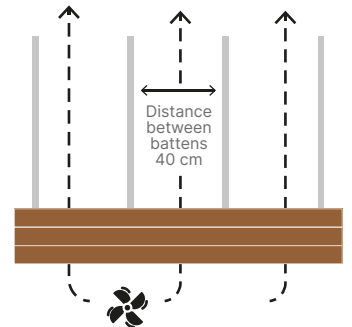
- Fix the battens perpendicular to the installation direction, with a maximum separation of 40 cm between them.
- Place the battens around openings (windows, cabinets, doors, etc.).
- Air must be able to circulate behind the cladding.

For horizontal installations, place supports under the last batten on the floor to allow for the baseboards to be fixed. For vertical installations, leave a minimum gap of 10 mm between the covering and the floor to allow for expansion and ventilation.

Vertical cladding installation,
horizontal batten



Horizontal cladding installation,
vertical batten



2. Assembly of the planks

- Pre-drill before screwing using a 2 or 3 mm diameter wood drill bit.
- Use 3.5×35 mm T15 screws.

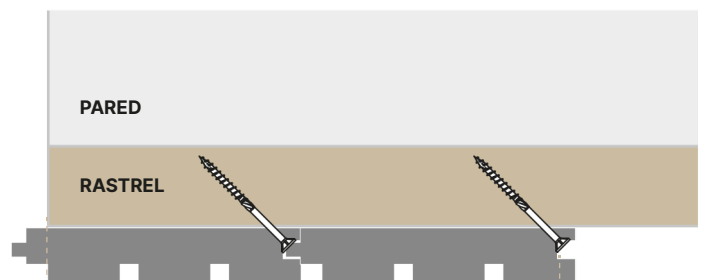
It is essential to pay special attention to the installation to the first plank, as this will determine the correct alignment of the rest of the planks.

- Install the first plank starting from a corner of the wall, making sure to use a level.
- To install the first plank, cut the tongue (male) side lengthwise for a clean finish (see photo “Cutting 1st Plank”). Then, place the groove (female) side against the wall to be covered.
- Pre-drill and screw the planks to the batten, passing through the tongue and groove (glued to the batten) at a 45° angle (see Scheme 1 and photograph).

Fit the second plank into the groove (use a rubber mallet to facilitate the fit). Check that each plank fits correctly along its entire length before installing the next one.

To install the last plank, cut lengthwise along the tongue (female) side for a clean finish and glue it with an adhesive sealant (such as Sikaflex).

Scheme 1



Cutting 1st Plank



Screw in at a 45° angle

