

MIBAMBÚ



EN

Installation manual
Bamboo decking boards / flooring



INVISIBLE INSTALLATION
CLIP SYSTEM

MIBAMBÚ

Bamboo decking is a sustainable, durable, and aesthetically pleasing solution for outdoor spaces. To ensure proper installation and a long lifespan, carefully follow the instructions below.

Main advantages

- High resistance to humidity and weathering
- Excellent dimensional stability
- Eco-friendly and sustainable material
- Natural and elegant appearance
- Easy installation on substructure
- Low maintenance

ADDITIONAL INFORMATION

The clip system ensures uniform spacing between boards, improves ventilation between pieces, and facilitates a cleaner, more professional finish. Furthermore, by not directly drilling into the visible face of the bamboo, the risk of cracks, breakage, or moisture penetration is reduced.



REQUIRED MATERIALS

Element	Description / Use
Bamboo decking boards for outdoor use	They are the visible and functional element of the bamboo decking.
Bamboo batten	They act as the supporting substructure of the deck.
Adjustable plots or concrete/cement base	They serve as a stable base for installation. Adjustable plots allow height adjustment, correct unevenness, and facilitate water drainage, while a concrete or cement base provides solidity and stability to the structure.
Hidden fastening clips	They allow bamboo boards to be secured to the battens without visible screws.
A2 or A4 stainless steel screws	They are used to fasten the clips or, where applicable, the boards directly to the battens.

Mandatory: When installing hardwood boards, use the pre-drilling process to avoid cracking and delamination caused by the screw point.

PRECAUTIONS

Do not install bamboo decking directly on unstable or unventilated surfaces, as moisture buildup can affect its durability. It is essential to respect expansion joints around the entire perimeter and where bamboo meets walls or other fixed elements, as bamboo, although stable, is a natural material. Use only stainless steel screws to prevent corrosion and staining. During installation, do not force the planks or fixings, as this can cause internal stress or deformations. Avoid using harsh chemicals for cleaning and perform regular maintenance to preserve the floor's appearance and performance.

SAFETY

During installation, wear protective glasses and gloves throughout the installation, secure the work area against falls or trips, check that all tools are disconnected before changing drill bits, and do not work in rainy conditions or on wet surfaces.

IMPORTANT NOTE

Technologically modified bamboo decking offers high stability and resistance; however, it remains a natural material that responds to environmental conditions. To ensure its proper performance and durability, it is essential to always install it on a ventilated substructure, avoiding direct contact with the ground or damp surfaces. Although its expansion is less than that of conventional bamboo, the recommended spacing between planks and perimeter joints must be respected, allowing for the material's natural movement. Only fastening systems and accessories suitable for outdoor use should be used, preferably with concealed fixing clips and stainless steel screws, avoiding unnecessary perforations on the visible surface. The warranty is valid when the manufacturer's recommendations are followed throughout the entire installation process. Furthermore, the decking must maintain a minimum slope of 1/4" per 12 feet (equivalent to 6 mm per meter) to facilitate water drainage and prevent accumulation.

TIPS

Installation is recommended only in dry weather conditions, avoiding rainy days, heavy fog, or high humidity, as water can affect the fastening performance, hinder the work, and alter the material's behavior during assembly. Before installation, it is important to acclimate the bamboo by leaving the boards at the construction site (in their packaging or stacked in a well-ventilated area protected from direct sunlight and humidity) for at least 24–48 hours. This allows the material to adapt to the ambient temperature and humidity, reducing stress, movement, and the need for subsequent adjustments. Throughout the entire process, always use accessories suitable for outdoor use (clips, screws, profiles, battens, and/or substructure), preferably made of stainless steel or corrosion-resistant materials, as unsuitable components can rust, stain the floor, or lose their anchoring capacity over time.

1. STORAGE

Store the product in a cool, dry place before use. Protect it from dust, rain, and direct sunlight.

2. SITE PREPARATION

Concrete base:

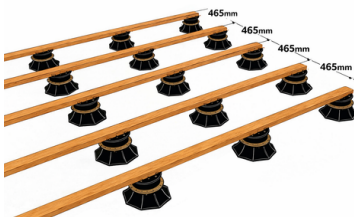
Pour and allow to cure a concrete slab with a slight slope for water drainage. Thoroughly clean the area to ensure the installation platform is level, stable, and well-drained, preventing water accumulation.

Base without concrete:

For areas such as green spaces, riverbanks, or elevated floors, install professional support posts or build a support structure according to project requirements.

Choose appropriate pedestals to support the beams, or construct concrete piers or steel structures to prevent the beams from contacting the ground and to provide a solid base for fastening.

3. INSTALLATION OF JOISTS (SUB-BEAMS)



Secure the joists to pedestals, posts, steel structures, or wooden beams. Keep the bottom of the joists at least 80 mm above the ground.

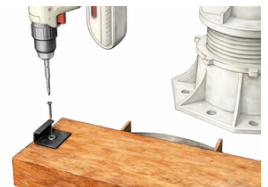
The spacing between joists should not exceed 500 mm. For deck boards 1860 mm long, the recommended spacing is 465 mm.

Make sure all joists are level and in full contact with the underside of the deck boards for optimal support.

4. FIXING AND SECURING

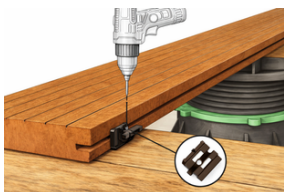
4.1 Installation of the first table

Use starter clips and screws to attach the first bamboo deck board to the joists.



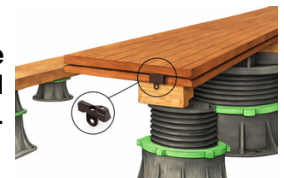
4.2 Installation of the intermediate tables

Insert the serrated side of the clip into the groove of the first board. Secure the clip to the joist with the screws provided. Slide the next board onto the other side of the clip. Repeat this process for the remaining boards.



4.3 Installation of the latest table

Use end clips and screws to attach the last board to the joists.



6. FINISHING AND MAINTENANCE

5.1: Apply end sealer (cross-cut sealer) to all cut ends of the boards.



5.2 Boards without a male-female (T/G) system must be installed directly butted together. Leave a 2-3 mm gap between them.

