



ASSEMBLY INSTRUCTIONS – 5001

AMBOOO Outdoor System Fence “Acapulco”



1. System Description & Important Notes

The premium AMBOOO Acapulco system consists of precision-manufactured bamboo components which, once assembled, create a visually appealing, durable, and stable privacy screen. Thanks to its well thought-out construction, the fence system can be extended as required and is fully variable in the height and width of its elements. The special shape of the posts also allows effortless alignment in every direction at an exact 90° angle.

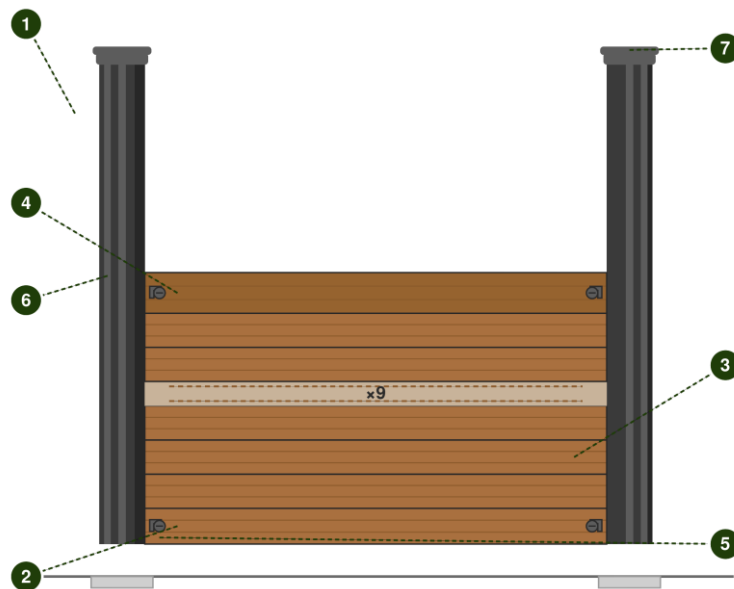


Figure 1: System Overview

1. Post (aluminum or bamboo with groove)
2. Starting profile (with mounting bracket)
3. Connecting profiles, 8 × stacked
4. End profile (with mounting bracket)
5. Mounting bracket
6. Insert strip
7. End cap

2. Foundation Preparation & Axis Dimensions

Precise measurement is the foundation for a distortion-free and stable installation. Please observe the following construction dimensions carefully:

- Post spacing (axis dimension): To determine the exact post spacing, use the supplied bamboo boards or the starting and end strips as an aid for determining the spacing.
- Expansion joint: A gap of 5 mm must be allowed on both sides of the panels, between the end of the board and the inside of the post. This allows the natural material bamboo to expand freely in length in response to moisture and temperature fluctuations.
- Custom shortening: If the panels are shortened on site, the axis dimension of the foundations must be reduced accordingly by the exact shortening amount.

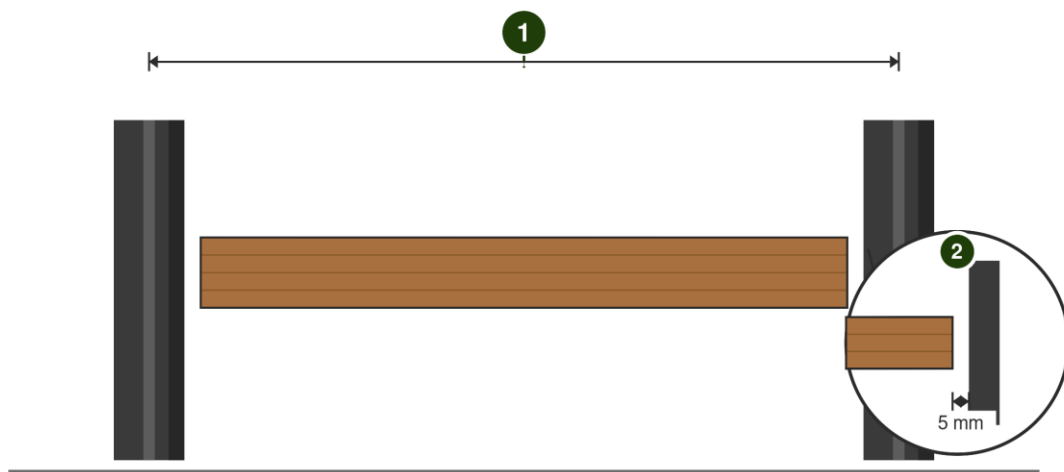


Figure 2: Axis Dimension & Expansion Joint

1. Post spacing (axis dimension)
2. Expansion joint: 5 mm gap between the end of the board and the inside of the post

3. Post Installation Methods

Two professional installation options with 2 different post lengths are available for anchoring the posts. For all installation methods, the concrete foundation must be embedded in the ground at a frost-free depth of at least 70 cm.

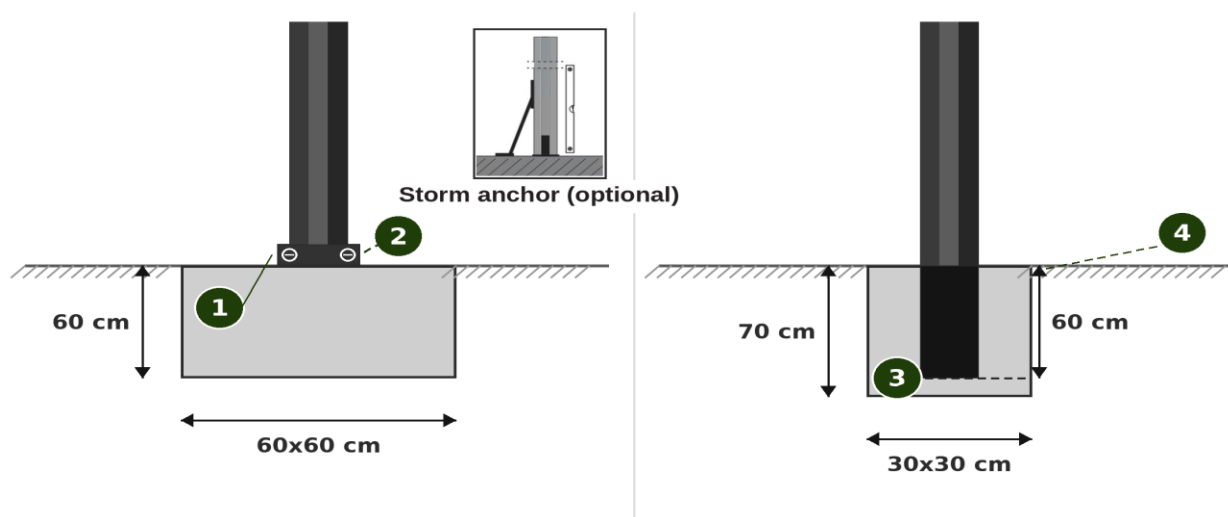


Figure 3: Comparison of Installation Methods

1. Option A – Existing concrete surface
2. Post base: bolted to the post and fixed to the surface
3. Option B – New foundation, 30×30 cm
4. Post is set directly in concrete to a depth of 60 cm

Option A: Bolt-on	Option B: Direct concrete embedding
Recommended for existing concrete surfaces.	The post is set directly into the concrete – without an additional post base.
Foundation dimensions: Min. 60 x 60 cm wide Min. 60 cm deep	Foundation dimensions: Min. 30 x 30 cm wide Min. 70 cm deep
Installation: Position the complete unit centrally on the foundation and secure it with approved concrete screws (observe edge distances). Depending on the wind region and local conditions, additionally secure with a storm anchor, as shown in the image.	Installation: The post is set directly into the concrete foundation to a depth of at least 60 cm. Pay strict attention to vertical alignment, alignment with adjacent posts, and the correct spacing to the next post. The embedded part of the post must be protected from direct contact with the concrete using foil, to prevent a reaction.

STRUCTURAL ALIGNMENT NOTE

IMPORTANT REGARDING INSTALLATION DIRECTION (Without post base):

Pay meticulous attention to the alignment of the post profile! The closed side of the post must be precisely aligned with the side featuring the opening in the base / concrete foundation, in order to ensure structural load-bearing capacity.

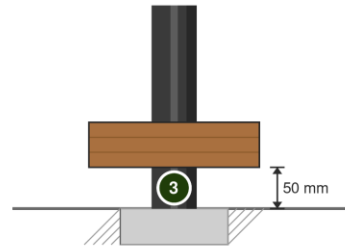
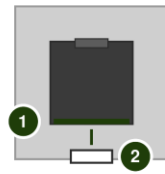


Figure 4: Alignment & Minimum Clearance

1. Closed side of post
2. Open side of the foundation / base
3. Minimum clearance of 50 mm to the ground

4. Assembling the Privacy Screen

Step 1: Securing the Starting Profile

The brackets from the supplied fixing set (for bamboo posts) are screwed on from below, flush with the end of the starting profile. Slide the profile into the post groove. Then screw the profile directly to the post using the brackets. Do this evenly on both sides. Important: Use a 3 mm drill bit to pre-drill the screw holes in the post gently, without damaging the material. When using aluminum posts, a spacer is pre-installed. Simply insert the starting strip with the groove facing upward. If needed, the spacer can be moved by loosening the screw and refastened at another position. Determine the position, pre-drill with a metal drill bit, and re-tighten the screw.



Figure 5: Step 1 – Securing the Starting Profile

1. Screw the mounting bracket flush to the end of the profile
2. Insert the profile into the post groove from above
3. Screw the brackets into the post on both sides

MINIMUM CLEARANCE TO THE GROUND

The lowest starting profile must have a clearance of at least 50 mm from the concrete foundation / ground. This clearance protects the material from standing moisture and splash water, and makes it easier to maintain the ground surface.

Step 2: Inserting the Profiles

Once the first strip is firmly secured, the first Acapulco connecting board is inserted into the groove from above.

- 8 further Acapulco connecting profiles are then inserted one after another, directly on top of each other, into the post groove.

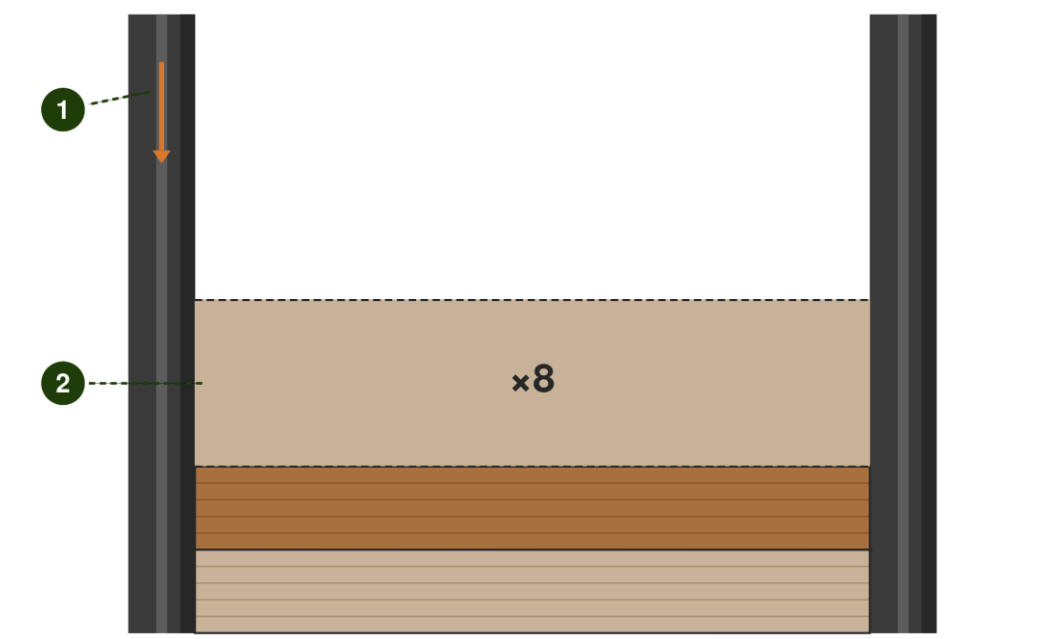


Figure 6: Step 2 – Inserting the Profiles

1. Insert the first connecting profile from above
2. Insert 8 further connecting profiles directly on top of each other

Step 3: Securing the Top End

Once all infill elements have been inserted, the final end profile is inserted from above. For bamboo posts, secure this to both posts using the mounting brackets, in the same way as the starting profile. When using aluminum posts, fixing with the bracket is not required; simply slide the two mounting clips attached to the end strip into the grooved profile on the inside of the post groove.

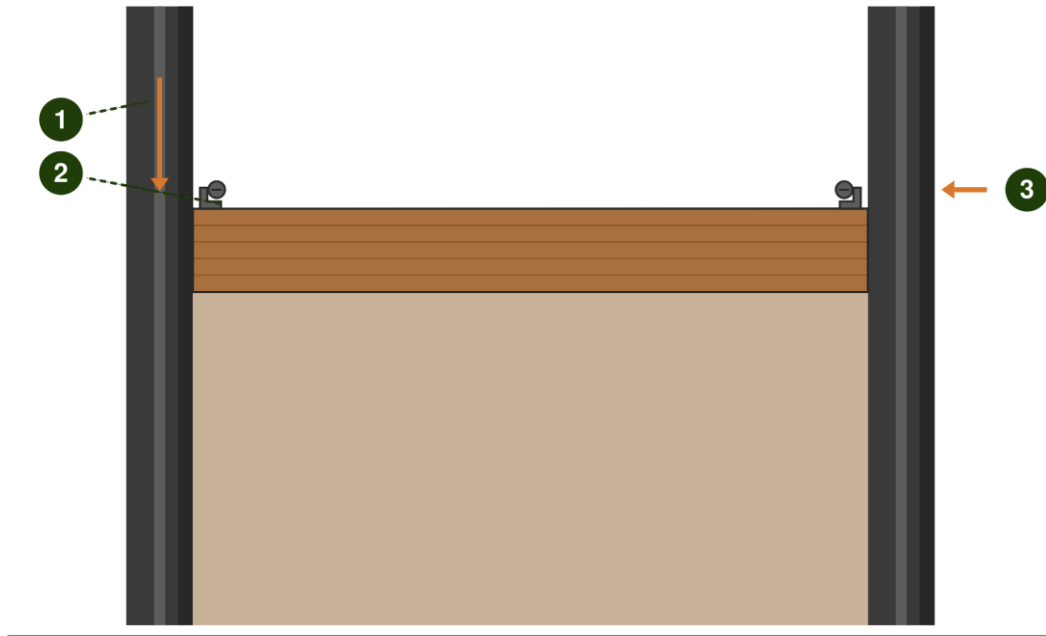


Figure 7: Step 3 – Securing the Top End

1. Insert the end profile from above
2. Screw the mounting bracket to the end of the profile
3. Screw the brackets into the post on both sides

Step 4: Visual Finishing & Detail Work

- Use insert strips: Slide the aluminum insert strips into the unused openings and grooves of the post. This creates a completely closed, uniform, and elegant post appearance.
- Conceal the brackets: Cut small fitting pieces from the insert strip to size. These clip elements can be used to perfectly and aesthetically conceal the visible mounting brackets and any remaining profile openings.
- Fit the end cap: As a final step, fit the elegantly shaped post end cap onto the top of the aluminum profile to protect the post from direct rainfall.

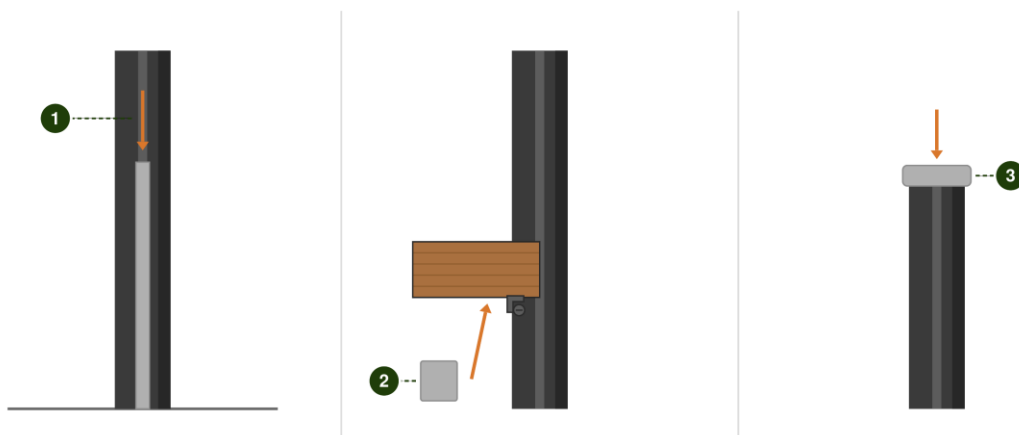


Figure 8: Step 4 – Finishing & Detail Work

1. Slide the insert strip into the free groove
2. Fit the fitting piece over the visible mounting bracket
3. Fit the end cap

5. Technical Support & Manufacturer Contact

If you are not completely familiar with the use of this premium product or its intended use, please feel free to contact our technical support team directly before installation. We are happy to assist you with advice and support.

PRODUCT NOTES & MATERIAL CARE

- Material behavior: Small black mildew spots, water stains, lime deposits, airborne mold, and similar marks are natural reactions to external weathering and are not grounds for complaint. They can be minimized through regular cleaning and care.
- Mandatory pre-treatment: The care instructions for bamboo must be strictly observed! Before installation, all boards must be fully treated with AMBOOO care oil.
- Cut edge protection: If you shorten panels or strips, the fresh cut edges must be immediately treated with AMBOOO care oil and additionally sealed with AMBOOO end-grain wax.

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As of: 06/2026 - Exclusively for Highland Bamboo Systeme