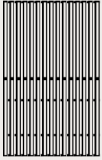


BAMBOO ROD SCREENS

INSTALLATION & MAINTENANCE GUIDE

DOCUMENT	REVISION	SUPPLIER
Organic - Bamboo Rod Screen Installation & Maintenance Guide	05 - 05/05/2026	House of Bamboo 13 Erith Street, Botany, NSW 2044



ROD SCREEN

INSTALLATION & MAINTENANCE MANUAL

Bamboo is a natural material. Handled with a little care from delivery through to installation, your Bamboo Rod Screen will look its best and last for years. This manual covers handling and storage, acclimatisation, the three installation methods and ongoing care.

The material is in its natural form when received. There will be variation between rolls and batches in colour, grain and the occasional small split. This is expected and is part of the character of a natural product, not a fault.

MATERIAL HANDLING

Reduce Handling: This is the most effective strategy for decreasing harm. To avoid excessive handling, plan your storage and process flow processes properly from our warehouse to your home. Materials should be stored in a safe dry place in their packaging until it will be used.

HANDLING AND STORAGE

Handle the screen as little as possible. Most damage happens in transit and during fixing, so plan the path from our warehouse to site before anything arrives, and move each roll only as often as you must. Use team lifting for anything large or heavy, so the load is shared and both the material and the people moving it are protected.

Store the rolls in a cool, dry place in their original packaging until you are ready to use them. Damp conditions can bring mould or mildew to the surface, so keep the screens away from moisture.

Stacking: Store the rolls flat on raised blocking of equal thickness, with spacers every 300mm to 600mm. Keep unfinished material out of prolonged direct sunlight.

If installation is delayed: Store the screens dry and out of the weather: covered, ventilated and off the ground.

ACCLIMATISATION

Bamboo moves a little with temperature and humidity. This is most noticeable when a screen is installed in a climate very different from where it was stored.

Before fixing, let the screens acclimatise at or near the site for at least 48 hours, somewhere sheltered. Allow longer where the local climate differs markedly from our warehouse. For indoor jobs, acclimatise the screens in the room itself, ideally at 18 to 25°C and 50 to 70 per cent relative humidity.

A note on splits: In hot conditions some poles may form small splits. Each pole holds pockets of air in the hollow sections between its nodes. As that air warms it expands and presses against the pole wall, which can cause a split. This is normal and is not a sign of poor quality. Once a pole splits the pressure releases and the split will not travel any further. Maintenance reduces how often this happens, but it will not stop it altogether. Splitting does not weaken the material or shorten its life.

THE SCREEN

A Bamboo Rod Screen is made of bamboo poles held together with stainless steel wire, supplied as a roll that you cut and fix to size. A node is the raised circular band on the pole. It is solid all the way through, while the section between two nodes is hollow.

The screen has a top and a bottom. The top is the end where the poles are cut just above the nodes, so the pole is closed, and it should face upwards. The bottom is the end where the poles are open and exposed, and it should face downwards. If you notice gaps between poles, slide them closer together along the wire.

FINISHES AND APPLICATION METHOD

1. A surface coating protects the bamboo and slows fading. Follow each product's directions and apply in three steps.
2. Clean: Remove dirt and deposits with a hose, or a pressure hose for stubborn marks. Keep the nozzle back from the surface so you do not mark the rods, then let the screen dry fully.
3. Apply Crystal Paints Bamboo Cleaner: Following the manufacturer's directions. It conditions the surface and lifts mould.
4. Apply Crystal Paints Bamboo Protector and Rejuvenator: Following the manufacturer's directions. It protects against sun and weather, and its tint restores colour that has faded.
5. Reapply when the finish starts to fade. Screens in full sun need it sooner than those undercover or in shade. Do not thin or dilute the products, as this can cause the coating to break down early.

INSTALLATION

Bamboo Rod Screen is a decorative cladding, not a structural element. It does not provide structural support, so it relies on the structure behind it. That structure, whether an existing fence, a set of posts or a frame, must be sound, stable and in good condition before you start.

As a rule of thumb a fence needs horizontal support roughly every 600mm of height, with posts no more than 2m apart. So a 1.8m screen needs three cross rails and a 2.4m screen needs four. Any structure that needs to be built or extended should be checked with your builder.

Fix the screen at 600mm centres down the height and every 6 to 8 poles across the width. Use stainless steel screws suited to the location. Pre drill a small pilot hole at each fixing point to stop the poles splitting, and where possible screw through a node, where there is a solid wall section, for a better hold. Do not use excessive force, as this can split the bamboo.

Method 1: An existing fence or wall

What you will need

- Bamboo Rod Screen
- Engineered bamboo or treated timber battens
- A sound existing fence or wall
- Stainless steel self drilling screws

Method:

1. Unroll and orient the screen: Unroll the screen onto a level surface, keeping the closed top end facing up. Place it against the fence or cross rails and check that it unrolls evenly. Gently pull it out so it sits straight.
2. Trim to size: Trim the screen to suit the fence using the trimming method above.
3. Fix with self drilling screws: Decide where the screen will fix to the fence, then measure and mark the poles where you will drill. Pre drill a pilot hole at each fixing point, screwing through a node where possible. Space fixings every 6 to 8 poles across the width and every 600mm down the height. A nail gun can be used at low pressure, but still secure the top and bottom with a few self tapping screws in case the brad nails work loose over time.
4. Completion: Your Bamboo Rod Screen is now installed.

Method 2: Posts

What you will need

- Bamboo Rod Screen
- Bamboo, timber or steel posts (have a builder install the structure)
- Corrosion resistant self tapping screws suited to the location. For exterior or coastal sites we recommend stainless steel

Method:

1. Confirm the structure: Make sure the post structure is sound, stable and structurally adequate, with cross rails set out to suit fixing at 600mm centres down the height. Have a builder install or extend the structure where needed.
2. Unroll the screen: Unroll the screen onto a flat surface. Fold over about 25mm at the beginning and end of the roll to form a solid strip to fix through.
3. Trim to size: Trim the screen to suit the structure using the trimming method above.
4. Fix to the framing: Fix the screen to the rails at 600mm centres down the height and every 6 to 8 poles across the width, keeping it tight and even and pre drilling each fixing point.
5. Completion: Your Bamboo Rod Screen is now installed.

Method 3: A pergola or frame

What you will need

- Bamboo Rod Screen
- Flat bamboo or timber battens
- Stainless steel self drilling screws

Method

1. Unroll the screen: Unroll the screen onto a flat surface. Fold over about 25mm at the beginning and end of the roll to form a solid strip to fix through.
2. Trim to size: Trim the screen to suit the structure using the trimming method above.
3. Create the structure: Build the pergola or frame so it can carry the screen and give fixing points at 600mm centres. For a new or extended structure, contact a builder.
4. Fix with self drilling screws: Position the screen and secure it with stainless steel self drilling screws. If you are using more than one screen, join them at a post by butting the next roll to the end of the last.
5. Completion: Your Bamboo Rod Screen pergola is now complete. As an option, a clear polyurethane sheet can be fitted over the screen to help shed rain and weather.

CARE AND MAINTENANCE

Routine inspection

Bamboo used externally gathers dust and dirt from the environment over time. Inspect the screen every 6 to 12 months. Use a hose and a soft bristled broom to remove loose dust and dirt, which prevents fine particles grinding against and scratching the surface.

For surface mould or stubborn stains a pressure hose can be used, but keep the nozzle back from the rods. Note that a pressure hose can strip the protective coating, which will then need to be reapplied, so check with the coatings manufacturer before using this approach.

Indoor screens

Indoor screens require no ongoing maintenance. If a spill occurs, wipe the area with a slightly damp cloth and dry it straight away.

Outdoor screens

When first installed, and then as part of ongoing maintenance, treat the screen with Crystal Paints Bamboo Cleaner, followed by Crystal Paints Bamboo Protector and Rejuvenator. The cleaner prepares and conditions the surface; the rejuvenator protects the bamboo against sun and weather. Follow the directions on each product.

Repeat this every 12 to 18 months, or as required, depending on exposure to the elements. The Cleaner is a biodegradable formulation, an environmentally sound choice in keeping with the natural material it cares for. The Protector and Rejuvenator is tinted to match and restore the screen's original colour, in Clear, Blonde, Brown or Black (dark chocolate brown), and can be lightened by mixing a tint with Clear.

Between treatments, if the screens become dirty, wash them down with the Bamboo Cleaner and allow them to dry fully. A pressure hose can be used for heavier dirt, keeping the nozzle back so you do not mark the rods.

Mould

Mould forms in response to the surrounding conditions, usually warmth and moisture with little airflow. It is common on outdoor bamboo and is managed rather than prevented outright. Use Crystal Paints Bamboo Cleaner to keep mould from building up, or to remove it once it appears. Let the screen dry fully, then recoat with Crystal Paints Bamboo Protector and Rejuvenator to restore the finish and its weather resistance.

Important Supplier Information

Please note that House of Bamboo provides this guide solely as a product supplier to assist with best-practice installation methods. It is not intended to serve as a comprehensive installation manual or to replace professional trade expertise. The installer retains sole responsibility for the execution of the work and ensuring compliance with all local codes and regulations, which always take precedence over this guide.

To ensure product integrity and safety, we state specific methods, hardware, and fasteners. If you choose to alter or substitute any recommended components (including screws or fixings), you do so at your own discretion and risk. House of Bamboo explicitly disclaims all liability for installations where our recommended components and specifications were not strictly followed.

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