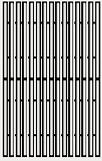


NATUREED®

INSTALLATION & MAINTENANCE MANUAL

DOCUMENT	REVISION	SUPPLIER
Organic - Natureed Installation and Maintenance Manual	02 - 4/12/2024	House of Bamboo 13 Erith Street, Botany, NSW 2044

I&M MANUAL



NATUREED®

INSTALLATION & MAINTENANCE MANUAL

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.

ACCLIMATISATION

The most crucial precaution to take to ensure a successful installation is to acclimatise the panels beforehand due to variations in relative humidity across different regions of Australia. The moisture level of the item must be properly acclimated to your environment's conditions. An improper acclimation process may result in the substrate expanding and/or shrinking more than usual after installation. The cladding should be allowed to acclimatise in its unopened packaging for at least 48 hours at a standard room temperature of 18 to 25 degrees Celsius and a relative humidity of 50 to 70%.

CARE & MAINTENANCE

Indoor Application:

- If accidents occur such as spills, wipe the affected area with slightly damp cloth. Check with coatings manufacturer for advice regarding their recommendations.

Outdoor Application:

- Recommended to apply oil every 18 - 24 months, depending on the exposure to elements [sun or water].
- If screens become dirty, then use a pressure hose to clean them, and allow them to dry fully prior to reapplying the oil.

HANDLING & STORAGE

Precautions for Safe Handling

Material should be stored in a cool dry area. Exposure to moisture may cause mould or mildew to form on the surface of the material.

Minimize Handling

To reduce potential damage to materials, minimize handling and utilize team lifting procedures.

HANDLING & STORAGE

Proper Stacking	Materials should be stored flat on raised blocking of equal thickness and spacing. Recommended spacing for spacers is every 30 to 60 cm.
Light	Avoid long exposure to direct sunlight for unfinished materials.
Acclimatisation	Materials should be allowed to acclimate to the installation environment and humidity prior to installation. Recommended acclimation time is 48 to 72 hours.

GUIDELINES FOR CLEANING NATUREED

Bamboo used externally would usually accumulate dust and dirt from the environment over time. We recommend inspecting the material every 6 to 12 months. Follow these guidelines to ensure proper care:

Removal of Surface Dirt	<p>Use a hose and a soft-bristled broom to remove loose dust and dirt. This prevents scratches from particles that may grind against the surface.</p> <p>For surface mould or more stubborn stains you could use a pressure hose. This will strip the protective oil coating which will need to be reapplied. Check with Coatings manufacturer before using this approach.</p> <p>Refer to cleaners recommended by coatings manufacturer.</p>
WOCA Oil	Please refer to coatings manufactures manual regarding maintenance. However, we strongly recommend maintenance every 12 months.
Drying	Always dry the surface immediately after cleaning to prevent moisture damage. Use a clean, dry cloth to remove any remaining moisture.

ROUTINE CLEANING REQUIREMENTS

Regular cleaning is essential to keep your bamboo in optimal condition. Establish a routine based on the following frequency:

12 Months	<ul style="list-style-type: none">• Deep Cleaning: Conduct a more thorough cleaning using a slightly stronger solution if necessary, but always test the solution on a small area first.• Inspection: Check for signs of wear, scratches, or damage. Address any issues immediately to prevent them from worsening.
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APPLICATION METHOD

- Clean Natureed:**
Prior to recoat, wash down with a high pressure gurney or hose down with a mild solution of water & household detergent.
- Dry Area:**
Leave to completely dry over approximately 1-3 days.
- Oil Preparation:**
Thoroughly stir oil before and at regular intervals to keep consistent level of pigments.
- Oil Application:**
Apply liberal, even coats using a long-haired natural bristle brush.
 - Re-apply additional coats every 24 hours (in warm, dry weather).
 - Apply 3 coats for maximum protection, including the end grains.
- Re-Application:**
Repeat every 12 months if exposed to full sunlight year round. Application is best, at the end of spring to allow the product work best over the hot summer months. Undercover or shaded areas only require less maintenance, depending on the level of fading.

TIP:

Do not use thinners or dilute the oil. This will result in early breakdown of coating.

FINISHES

Like with hardwood it is always advised to test for results related to stain and finish. Apply finishes according to the recommended thickness and temperature specified by the manufacturer. It is advised to test the adhesion or finish to make sure that the treatment, the panel, and the installation environment are all generally compatible.

INSTALLATION - EXTERNAL FENCE

What you will need:

- House of Bamboo Natureed Panel
- Existing Fence.
- Staple Gun with 10mm - 12mm Stainless Steel Staples

Before beginning the installation, it is crucial to ensure that the wall to which you will be applying these screens is firm and in good conditions.

INSTALLATION STEPS

1. Unroll the Screen:

Carefully onto a flat surface, such as the ground or a floor. Fold over an inch of the beginning and end of the Natureed® roll to form a solid strip to attach the material to the fence.

2. Trimming the Screen:

Measure the length of your existing fence/structure where you plan to install the Bamboo Rod Screen.

- Decrease height: carefully cut using a secateurs, drop or circular saw (Hand saws are not recommended as they tend to fray the edges).
- Decrease roll width: Mark off the actual length, then count 2-4 reeds. Pull out the next reed to give you an easily identified line to cut, then cut the stainless steel binding using secateurs. Twist off each row of binding to secure. Fold twisted binding to back of the reed to hide or leave to then attach another piece.
- Cutting on the diagonal: Place masking tape to hold the material in place and form a straight line. Cut Natureed® and rows of binding with secateurs. Twist off each row of binding to secure. Fold twisted binding to back of the reed to hide.
- Increasing Lengths or Widths: Extend invisibly by joining and twisting adjoining binding together. Remove last few (5-6) reeds of the roll to give enough wire to attach to the next roll. Position the next roll against the last roll and join and twist adjoining bindings together.

3. Fitting Using Staples:

Position the double sided edge at the start of the existing fence. Using a staple gun and starting horizontally at the top of the fence, position the staples vertically over the wire binding and between the reeds (take care not to staple the reeds as they will split). Each staple should be approximately 150mm apart. In between each staple, make sure the Natureed® is pulled firmly to remove any ripples or slack material.

Repeat for every row of wire binding. Staple the middle row of binding, ensuring the reeds are straight, in line with the top. For 1.5m height fence: 3 rows of staples - top, middle & bottom. For 1.8 / 2.0m height: 4 rows of staples. For 2.4m height: 5 rows of staples. Staple a bottom row of binding to finish.

If you're using more than one screen, join them by putting the next roll to the end of the last and fold back a small section.

4. Completion:

Your Natureed fence is now completed.

WIRE AND POST METHOD INSTALLATION

What you will need:

- House of Bamboo Natureed Panel
- Bamboo, Timber, or Steel Posts. Contact a builder to install structure.
- 2.5mm fencing wire (To calculate the length of wire required, multiply the total length of fence by the amount of rows of wire required then add some for wastage.)
- Staple gun with 10-12mm stainless steel staples.
- Turnbuckles
- Netting clips and pliers

Before beginning the installation, it is crucial to ensure that the wall to which you will be applying these screens is firm and in good conditions.

INSTALLATION STEPS

1. Unroll the Screen:

Carefully onto a flat surface, such as the ground or a floor. Fold over an inch of the beginning and end of the Natureed® roll to form a solid strip to attach the material to the fence.

2. Prepare Structure:

Create a framework fixing wire rows horizontally onto the existing posts*, the number of rows will depend on your fence height (use 3 rows of wire for 1.5-1.8m fence, 4 rows of wires for 2.0-2.4m). Each row should be spaced evenly and positioned at the same level as the binding. Use turnbuckles in each row and to ensure the wire is tightened on installation and checked/ tightened thereafter.

*If you don't have an existing structure where you can attach the wires, contact a builder to install posts and wire.

3. Trimming the Screen:

Measure the length of your existing fence/structure where you plan to install the Bamboo Rod Screen.

- Decrease height: carefully cut using a secateurs, drop or circular saw (Hand saws are not recommended as they tend to fray the edges).
- Decrease roll width: Mark off the actual length, then count 2-4 reeds. Pull out the next reed to give you an easily identified line to cut, then cut the stainless steel binding using secateurs. Twist off each row of binding to secure. Fold twisted binding to back of the reed to hide or leave to then attach another piece.
- Cutting on the diagonal: Place masking tape to hold the material in place and form a straight line. Cut Natureed® and rows of binding with secateurs. Twist off each row of binding to secure. Fold twisted binding to back of the reed to hide.
- Increasing Lengths or Widths: Extend invisibly by joining and twisting adjoining binding together. Remove last few (5-6) reeds of the roll to give enough wire to attach to the next roll. Position the next roll against the last roll and join and twist adjoining bindings together.

INSTALLATION STEPS

4. Fitting Using Staples and Netting Clips:

Position the double sided edge at the top of the first post in your structure. Using a staple gun, position the staples vertically over the wire binding and between the reeds (take care not to staple the reeds as they will split). In between each staple, make sure the Natureed® is pulled firmly to remove any ripples or slack material.

Repeat vertically on every post. If you're using more than one screen, join them in a post by putting the next roll to the end of the last and fold back a small section.

Once the screen is fixed into the vertical post, secure the Natureed® binding wire with the wire in your structure with netting clips every 120-150 mm. (We recommend using medium Netting clip Pliers to install clips).

5. Completion:

Your Natureed fence is now complete.

Fence Installation Image:



NATUREED CAPPING

What you will need:

- House of Bamboo Natureed Panel
- Bamboo, Timber, or Steel Posts. Contact a builder to install structure.
- Staple gun with 10-12mm stainless steel staples.
- Turnbuckles
- Netting clips and pliers

Natureed can be used as capping to finish off, enhance, protect & strengthen structure perimeters. For capping, any roll size can be used, depending on the look and length of the fence.

PERGOLA INSTALLATION METHOD

What you will need:

- House of Bamboo Natureed Panel
- Bamboo, Timber, or Steel Posts. Contact a builder to install structure.
- 2.5mm fencing wire (To calculate the length of wire required, multiply the total length of fence by the amount of rows of wire required then add some for wastage.)
- Staple gun with 10-12mm stainless steel staples.
- Turnbuckles
- Netting clips and pliers

Before beginning the installation, it is crucial to ensure that the wall to which you will be applying these screens is firm and in good conditions.

INSTALLATION STEPS

1. Unroll the Screen:

Carefully onto a flat surface, such as the ground or a floor. Fold over an inch of the beginning and end of the Natureed® roll to form a solid strip to attach the material to the fence.

2. Prepare Structure:

Create a framework fixing wire rows horizontally onto the existing frame, the number of rows will depend on your pergola length (use 3 rows of wire for 1.5-1.8m fence, 4 rows of wires for 2.0-2.4m). Each row should be spaced evenly and positioned at the same level as the binding. Use turnbuckles in each row and to ensure the wire is tightened on installation and checked/ tightened thereafter.

*If you don't have an existing structure where you can attach the wires, contact a builder to install the pergola.

3. Trimming the Screen:

Measure the length of your existing structure where you plan to install the Bamboo Rod Screen.

- Decrease height: carefully cut using a secateurs, drop or circular saw (Hand saws are not recommended as they tend to fray the edges).
- Decrease roll width: Mark off the actual length, then count 2-4 reeds. Pull out the next reed to give you an easily identified line to cut, then cut the stainless steel binding using secateurs. Twist off each row of binding to secure. Fold twisted binding to back of the reed to hide or leave to then attach another piece.
- Cutting on the diagonal: Place masking tape to hold the material in place and form a straight line. Cut Natureed® and rows of binding with secateurs. Twist off each row of binding to secure. Fold twisted binding to back of the reed to hide.
- Increasing Lengths or Widths: Extend invisibly by joining and twisting adjoining binding together. Remove last few (5-6) reeds of the roll to give enough wire to attach to the next roll. Position the next roll against the last roll and join and twist adjoining bindings together.

INSTALLATION STEPS

4. Fitting Using Staples and Netting Clips:

Position the double sided edge at the top of the first post in your structure. Using a staple gun, position the staples vertically over the wire binding and between the reeds (take care not to staple the reeds as they will split). In between each staple, make sure the Natureed® is pulled firmly to remove any ripples or slack material.

If you're using more than one screen, join them in a post by putting the next roll to the end of the last and fold back a small section.

Once the screen is fixed onto the pergola, secure the Natureed® binding wire with the wire in your structure with netting clips every 120-150 mm. (We recommend using medium Netting clip Pliers to install clips).

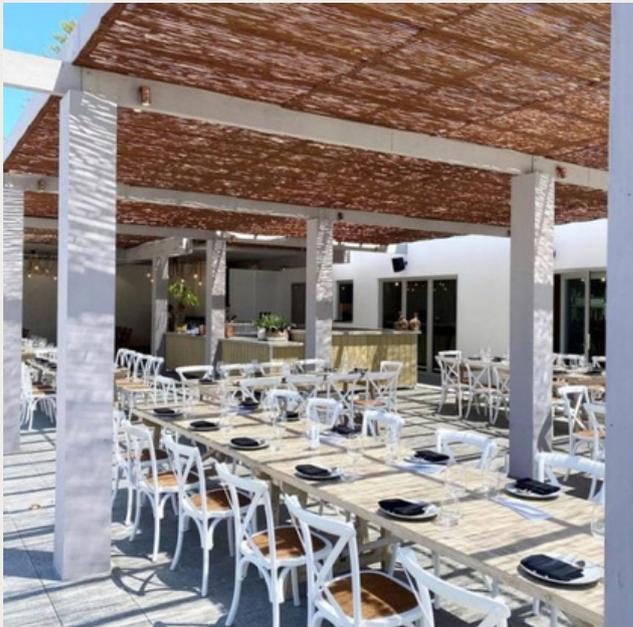
5. Completion:

Your Natureed pergola is now completed.

TIP:

You can use a polyurethane sheet to help cover the Natureed to protect it from rain and other weather properties.

Pergola Installation Image:



INSTALLATION STEPS

1. **Unroll and Mark the Screen:**

Carefully onto a flat surface, such as the ground or a floor. Mark every 410mm along the top of the roll. Remove 2 reeds from the roll to give a straight line on which to then cut from (and give enough ends to then cut, twist & secure.

2. **Cutting and Folding:**

Cut binding with secateurs and twist off each row of binding. Fold back twisted ends to hide overhang and fold the hole new piece in half to form a 200mm capping. Fold this piece in half again.

3. **Place and Secure Natureed:**

Place the new Natureed capping piece over the top of existing fence. Use 1.25mm fencing wire and cut 250mm long pieces. Thread wire through Natureed below the first row of binding and bring it back over the capping. Twist off both ends and secure. Take the twisted ends and pull to the back of the fence to hide for safety & ascetics. Repeat every 300-500mm. For a 2.4m roll, use 4 rows of ties, for 1.5 or 1.8m rolls, use 3 rows of ties.

Capping Installation Image:



NATUREED CAPPING

What you will need:

- House of Bamboo Battens
- Bamboo, Timber, or Steel Posts. Contact a builder to install structure.
- Staple gun with 10-12mm stainless steel staples.
- Turnbuckles
- Netting clips and pliers

Choose the material depending to the look that you want to give to your fence. Contact our Sales team for advise. We recommend using House of Bamboo Battens and Capping.

INSTALLATION STEPS - CAPPING WITH BATTENS

1. **Mark and Prepare Battens::**

Mark off or locate the positions of the batons behind the Natureed fence. Pre drill vertical battens in preparation to attach the timber capping. Cut battens to size for the vertical strips. Vertical lengths are calculated by taking the total length minus the capping width x 2 for top & bottom rows to be attached after. Mitre all corner joins.

2. **Attach and Oil:**

Cut binding with secateurs and twist off each row of binding. Fold back twisted Attach timber capping onto battens. We recommend Pre coated, 40-45mm timber screws. For 2.4m heights – use 4 screws, for 1.5, 1.8m heights – use 3 screws. Attach the Horizontal batons which sit on top of the vertical caps. It is advisable to coat the timber in decking oil 6 weeks after the installation. This allows the timber to weather in preparation of oiling.

Capping Installation Image:



WARRANTY CONDITIONS

To be able to make use of the warranty the product must be installed according to the installation recommendations. House of Bamboo installation recommendations are to be noted by the purchaser before installing. No claims can be accepted in cases of incorrect installation.

SETTLEMENT OF WARRANTY

- The claim must be made in writing, within 30 days, to House of Bamboo, Sydney Head Office, 13 Erith Street, Botany NSW 2019. Email info@houseofbamboo.com.au. Tel: 1300 665 703. A valid warranty claim must include photographs of the fault, a full description of the fault, proof of purchase and date fault was discovered.
- House of Bamboo reserves the right to check the claimed fault prior to entering into warranty settlement discussions.

WARRANTY

- This warranty applies in addition to the normal legal rights of the buyer, including the rights of the buyer against the seller.
- If a claim is granted before installing the material, faulty products are replaced free of charge. No claims can be accepted after installing the material if the buyer could have detected the defects before installation. This warranty does not cover damage that was caused by third parties (eg transport damage).
- If defects occur after installation, House of Bamboo reserves the right to either repair the defect or to offer material free of charge to the buyer.
- If the defective product is no longer in the product range, an equivalent product from our current range will be supplied.
- A claim does not lead to an extension of the warranty period.
- The cost for the re-installation of material and other consequential charges are not included in the warranty.

Area of Application	Warranty Period
Internal Application	7 Years
External Application	5 Years

CONTACT US

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