

DECKING

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.

Note: HOB recommends the use of WOCA Water-Based Oil. However, any good-quality oil designed for hardwood is also suitable for maintaining your engineered bamboo product.

<https://wocadenmark.com/product/maintenance-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 THE BAMBOO

Engineered 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 Manual	<p>Please refer to coatings manufactures manual regarding maintenance. However, we strongly recommend maintenance every 12 months:</p> <p>https://wocadenmark.com/product/maintenance-oil/</p>
Drying	<p>Always dry the surface immediately after cleaning to prevent moisture damage. Use a clean, dry cloth to remove any remaining moisture.</p>

ROUTINE CLEANING REQUIREMENTS

Regular cleaning is essential to keep your engineered 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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FINISHES

As with hardwood, it is always recommended to test stains and finishes to ensure desired results. Apply finishes according to the manufacturer's specified thickness and temperature. Additionally, test the adhesion or finish to ensure compatibility between the treatment, the bamboo panel, and the installation environment.

INSTALLATION MATERIALS

What you will need:

- Decking boards
- Decking screws (10G 10mm x 65mm 304-grade stainless steel or higher), Fastening clips (if using the hidden clip system), and Spacers (for creating gaps between decking boards)
- Bearers and joists (per Australian Standards), Tarp or cover for UV protection, Gluts for elevating the decking, High-quality carbide-tipped saw blades, High-speed steel (HSS) drill bits, Block or belt sander (for sanding), Water-based timber sealer (for end sealing)
- Water-based finish by Vernites® or WOCA® Exterior Wood Oil (for INDECKRITY® Raw)

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.

PREPARATION

1. **Storage and preparation on site:**
Upon delivery, it's crucial to store House of Bamboo INDECKRITY® decking in a covered area, protected from direct sunlight and adverse weather conditions. Maintain a minimum clearance of 40mm off the ground by using gluts. Cover the material with a tarp for UV protection. There's no need for acclimatization; you can proceed with immediate installation.
2. **Subfloor Framing:**
House of Bamboo INDECKRITY® decking is designed to be installed onto bearers and joists, following Australian Standard 1684 for residential timber-framed construction. For commercial applications, consult a structural engineer for load-bearing timber specifications. If your installation is in a bushfire-prone area, ensure compliance with Australian Standard 3959.
3. **Ventilation:**
Proper subfloor ventilation is vital for long-term performance. Maintain a minimum clearance of 100mm above a concrete slab or 150mm in other applications. Prevent water pooling by using a permeable ground structure and drainage for decking close to loose or compacted soil. Allow a 5-10mm clearance between House of Bamboo decking and adjoining buildings to enhance ventilation and prevent warping.

INSTALLATION NOTE

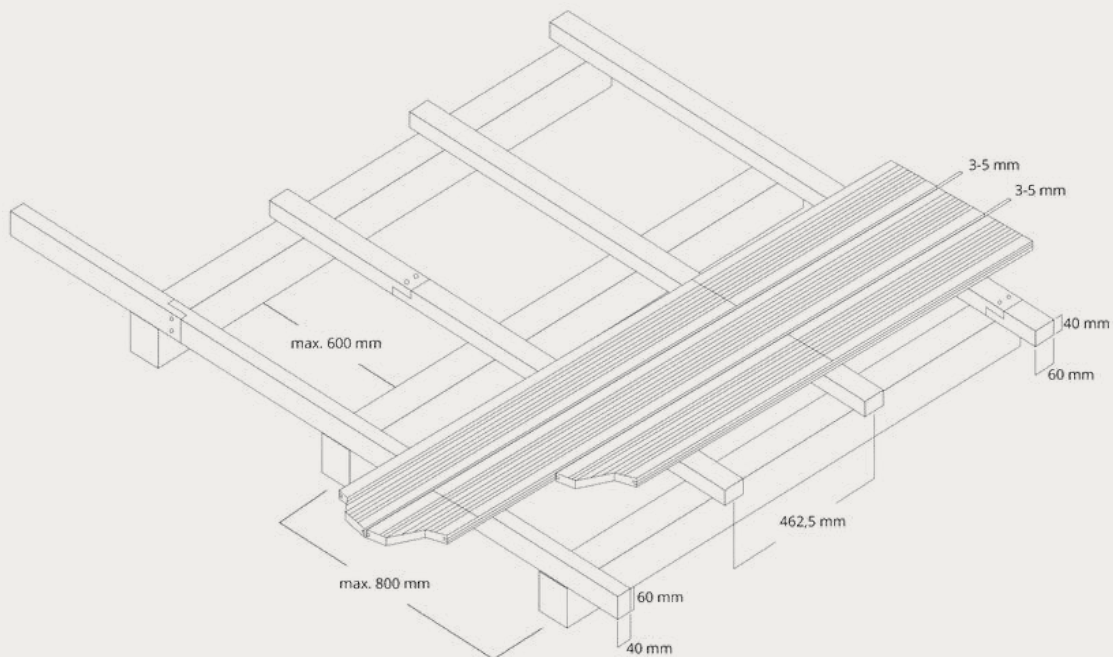
Follow Australian Standard 1684 guidelines for the installation of decking. Achieve a maximum span of 462.5mm on or off joists. Maintain a 3 to 5mm gap between rows of decking boards to allow for air circulation and board expansion or contraction. Use high-quality carbide-tipped saw blades, HSS drill bits, and sand in the direction of the grain with a block or belt sander. Apply a quality timber sealer to prevent end checking and splitting.

If unprimed INDECKRITY® is used, apply at least one coat of water-based finish by Vernites® or WOCA® Exterior Wood Oil to all faces and edges before installation. This ensures consistent moisture ingress and egress on each surface, including underneath boards.

INSTALLATION

1. Fasteners:

When fastening through the face of the decking board, use 10G 10mm x 65mm 304-grade stainless steel decking screws. Install two screws at each joist, pre-drilling all screw holes. Keep screws at least 12mm from board edges and 50mm from the butt end of each board. If using the House of Bamboo hidden clip system, follow specific instructions for clip installation and board attachment.



TALK TO US ABOUT THE BAMBOO YOU NEVER KNEW

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