

Plantation XTR Decking

Installation and Care instructions

As a home owner, builder, interior designer or architect we understand you want to work with a reliable company that offers not only a solid product base and great price, but also comprehensive warranties, technical and installation support, manufacturing information and thorough product testing.

Plantation is a leader in the field of bamboo building products and is here to assist you with information and support throughout the design and building process.

Prior to installation

- Clean the job site and ensure the XTR decking is dry
- Use sub frame joists
- Using impregnated pine joists or coated iron joists is recommended. Avoid direct contact with the ground
- It is advisable to install the boards on sub frame joists with a maximum space of 460mm between the joist centers
- Suitable installation tools: screwdriver, band tape, hammer, electric drill and saw

Installation

Determine the surface of the decking (waved or flat). Use the clips supplied in the following sequence:

1. Pre-drill the screw holes at the side of board. Be sure to pre-drill with large enough to avoid cracking of decking. Fix down first plank of one side to the floor joist
2. Insert the clip to other side of plank, then install it to the floor joist
3. Tighten the screw in the clip and the floor joist
4. Use a plastic hammer on the side of the following plank to secure the board with a 3mm space
5. Use approximately 16 clips/m². Use a clip on each floor joist
6. Only use the included stainless steel decking screws
7. For end matched joints, two clips must be installed on the joist either side of the join.

Post-installation

Apply one additional coat of exterior oil directly after installation. Please follow manufacturer's instructions.

Ongoing maintenance

Plantation XTR decking is double sided, pre-oiled with exterior water based decking oil (Woca brand). It is important to clean the deck at least once per year. Depending on climate and deck use, cleaning may be necessary more often.

Keep the deck free from dust and dirt as much as possible. Clean regularly with a broom. To ensure your warranty remains valid, decking must be maintained as per Plantation specifications.

Cleaning

1. Soak Plantation XTR with plenty of water, if possible with a garden hose.
2. Mix exterior cleaner with water in the ratio 1:2 and apply it. If the decking is extremely dirty, exterior cleaner may be used undiluted. Clean the decking with a silicon carbide brush or machine disc. Scrub the soaked bamboo lengthwise, following the grain, until the material appears clean. If the decking has a flat surface, first scrub at an angle of 45 degrees or less, before scrubbing in a lengthwise direction.
3. Remove the dirty water residue on the boards with clean water and let the deck dry for approximately 24 hours. The bamboo must be completely dry before the oil treatment is undertaken.

Oiling

It is important to apply two new layers of decking oil. If you do not reapply oil at least once per year, the deck will become grey and the unique appearance of the bamboo grain will become less visible.

- Apply in dry weather only
- Avoid direct sunlight and high temperatures
- Stir the oil thoroughly before use
- Apply an even, thin coat of oil with a brush
- The oil is cream-coloured when it is wet. After a few minutes, the bamboo will have an oily appearance as the water evaporates
- After 5-10 minutes, wipe off any excess oil with a clean cotton cloth
- Take particular care to remove excess oil from joints and grooves
- Repeat the above process

When the bamboo is dry, it may be polished with a polishing pad to ensure an extra hard-wearing surface. It takes 24 to 48 hours for the oil to harden completely, depending on weather conditions and outdoor temperature. The bamboo should not be exposed to water during this period.

Storage

Store Plantation XTR in a dry, cool place protected against dust and direct sunlight. Visit www.plantationdesign.co.nz to download detailed maintenance and cleaning instructions.

Surface of Plantation XTR with different maintenance and cleaning scenarios:

Weathered, non-maintained decking (left); weathered, cleaned decking (middle); and re-oiled decking (right).



The surface of decking becomes weathered under the influences of wind, rain, frost and ultraviolet light. As a result, the surface turns grey and dirty. It is important to use outdoor decking oil to maintain the appearance of your bamboo.

Please note, surface weathering, due to climate conditions, will be more noticeable on the flat side of the decking, compared to the ribbed side.

Oils

End seal oil

Plantation XTR recommends Anchorseal for sealing the ends of the product after cutting. Like all natural wood products, boards that have been crosscut may develop end splits, if not maintained with oil.

Top-coat oil

Plantation XTR is finished with WOCA oil to provide a high quality exterior wood finish. The WOCA line is known throughout the world for its interior and exterior oil wood finishes. Utilised by our supplier in its factories throughout the Asian, European, and American aftermarkets, WOCA outperforms all other systems.

Maintenance oil

To ensure a factory finish is maintained, Plantation recommends WOCA for all maintenance. WOCA's maintenance system is unlike other products as it uses exterior soap to clean the deck, without going through the complete refinishing process. Also, the WOCA system is an all-in-one system. Where other brands require both a cleaner and brightener, the WOCA system does this with one product, saving time and money.

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