

Plantation XTR

Specification and Information Sheet

Overview

There has been significant research and various testing methods of how to best protect bamboo in outdoor circumstances. Initial tests (which are also often used by other bamboo suppliers), were found to be unsatisfactory, not performing to Plantation's quality standards. Therefore Plantation looked to a supplier and partner who had developed an alternative way to solve the problem.

By modifying the density of the bamboo, removing the sugar from the bamboo and also applying a special heat treatment process (a patented process), our supplier was able to improve the durability and stability of bamboo. This technique is referred to as "density-thermo treatment".

Density-thermo treatment counters previous problems with bamboo, such as poles cracking in dry conditions, and the inner wood material being subject to attack by micro-organisms and fungi.

This invention was registered internationally in 2008, with laboratory and practical testing performed the following year. The research proved density-thermo treatment to be the most effective method (and currently the only efficient solution) to ensure bamboo is suitable for outdoor applications.

Plantation is the exclusive supplier of this product in New Zealand.

XTR product information

In the XTR product range there is a number of exciting and new products available, including XTR decking, XTR panels which are ideal for outside joinery and furniture and XTR cladding.

Plantation XTR is a natural product which can vary in colour, grain and appearance. Colour will change over time, depending on the maintenance schedule. The boards have a brown to dark brown colour when installed, which turns into a lighter caramel colour several weeks after installation. Without further maintenance, the colour becomes grey relatively fast (similar to most other wood species).

If a brown colour is preferred, maintenance should be carried out with decking oil recommended by Plantation.

Plantation XTR is similar to other hardwoods in grain and structure. The characteristic bamboo nodes can however, be recognised, giving the product a unique and appealing look.

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