

Bamboo Plywood Panels

Product Guide

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Storage and Handling

Store laminated bamboo sheets and veneers flat in stable humidity conditions, away from heat sources, flames, or sparks. Maintain balanced moisture levels at all times to avoid mould, mildew, warping, or splitting. Cover sheets to protect against discolouration from UV light.

When handling, lift each bamboo sheet cleanly from the sheet beneath to reduce surface damage or gouging. Do not drag edges or corners against another sheet. Adhere to Safe Work Australia National Code of Practice for Manual Handling.

0.6mm to 5mm Single Ply Installation Requirements

0.6 to 5mm single ply bamboo must be cold pressed with cross-linked PVA adhesive (such as Titebond or Selleys Aquadhere) onto a substrate heavier than 5mm or a rigid material with adequate surface grip to avoid cupping, splitting, or twisting.

Material Warranty

LETO Bamboo warrants all material supplied:

- Are made using non-toxic glues, and compliant with the Living Building Challenge.
- Are sustainably sourced and Forest Stewardship Council certified.
- Will not delaminate for its usable lifetime unless exposed to UV, water, solvents, or thinners.

All bamboo ply sheets must be lightly sanded and sealed on all faces after cutting/trimming to avoid moisture loss or gain. Do not heavily sand 0.6mm fleece-backed, 1.5mm, 2.5mm, or 4.3mm bamboo ply. Start with 240 grit, then 400+ grit and finer.

No flammable sealants or solvents may be used on LETO Bamboo ply as these will attack the adhesive binders, causing surface splitting and degradation.

Material Recycling

LETO Bamboo supports EcoSpecifier (GreenTag) and Green Building Council (Green Star) certifications and promotes recycling with a commitment to environmental stewardship.

Bamboo board is durable, biodegradable, and easily repurposed. Items can be disassembled, finishes removed by sanding, and pieces recut for new applications.

Take Back Program

LETO Bamboo offers a free Take Back Program for recycling bamboo boards and panels through our nationwide network of resellers.

Returned products are:

- Remanufactured or refurbished for repair, replacement programs, or secondary markets
- Recycled through certified partners (close to 100% of materials can be recycled)

Alternatively, recycle locally with a certified recycler committed to environmental stewardship.

Maintenance

Unsealed bamboo: Do not use flammable chemicals, abrasive cleaners, or bleach on unsealed bamboo. Avoid water penetration on unsealed areas.

Sealed bamboo: Use cleaners suitable for painted surfaces (check manufacturer's instructions).

Repairing sealed surfaces:

If using Intergrain Ultraclear sealant:

Scratches: Sand affected area, reapply Intergrain Ultraclear with brush or small roller, sanding lightly between 2-3 coats

Holes or gouges: Fill with Timbermate wood filler in Hardwood colour, allow to dry, sand smooth, then reseal with Intergrain Ultraclear.

For other sealants, follow manufacturer's repair instructions.

Seal all surfaces to maintain appearance.