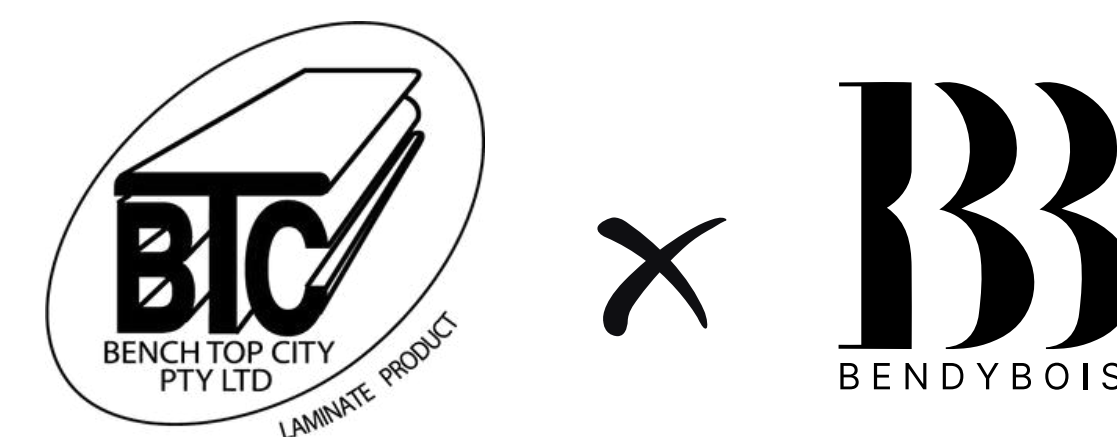


# BendyWood Veneer Range

## Installation Guide



The BendyWood Veneer Range offers easy-to-install MDF panels that can be applied to walls and cabinetry. This guide has been developed as a quick reference installation guide.

Current at April 2025

The BendyWood Veneer Range is designed to meet the demands of both flat and curved applications, offering boundless creative possibilities for residential and commercial projects. This premium range is crafted from a moisture-resistant, high density fiberboard (HDF) substrate, engineered for lasting durability. Each panel is meticulously hand-veneered with a premium real wood, available in American White Oak and Black Walnut finishes. The veneered surface, coupled with a robust HDF core and backed with premium PVC sheeting, allows these panels to adapt seamlessly to both concave and convex surfaces, even round tight curves, providing unparalleled versatility and sophistication for your design need

### STORAGE & HANDLING GUIDELINES

**Store Flat and Covered** - Keep panels stored flat and covered to protect them from dust and damage. If applying a protective coating, leave panels covered until then to maintain surface quality.

**Keep Dry and Away from Sunlight** - Store panels in a dry, ventilated area out of direct sunlight to preserve material integrity.

**Transport and Handle With Care** - Lift rather than drag curved panels to avoid damage, particularly along edges, as their flexibility can make them prone to impact.

**Acclimatise Before Installation** - Let BendyWood panels acclimatise in the installation area for at least 48 hours, avoiding direct sunlight to prevent warping.

**Natural Timber Variations**- Our Oak and Black Walnut veneers feature natural timber, so expect subtle variations in colour, grain, and knots, adding to each panel's unique character and subtle differences in appearance from samples provided.

**Minor Warping** - Some warping may occur before installation due to reduced surface tension on the primed face. This will not affect performance once installed.

### DESIGN CONSIDERATIONS & CRITICAL INFORMATION

**Curved Designs** - Plan interior curves carefully. Ensure the radius matches the selected profile. A guide for each profile's flex radius is available on our website.

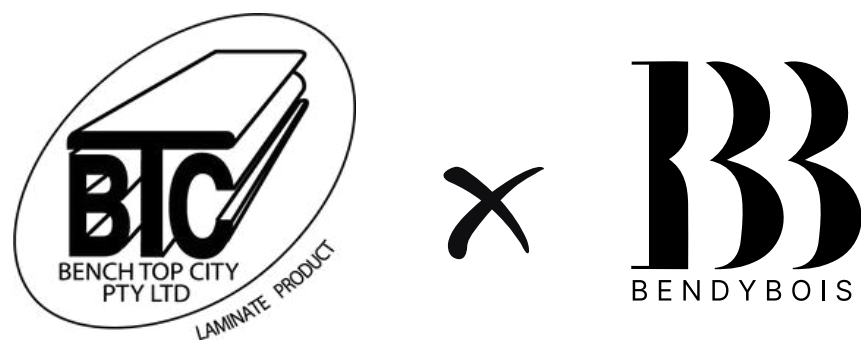
**Interior Use Only** - Our BendyWood panels are designed for interior applications only.

**Installation Height** - Install your panels at least 50mm above the floor to prevent damage from wet mopping.

**Avoid Moisture Exposure** - Do not install in areas exposed to water splashes or high humidity, such as within 80mm of tapware or inside shower recesses.

**Wastage** - Please allow for at least 20mm of waste as edges may need trimming.





# Installation Guide

## STEP 1 - PREPARE YOUR SUBSTRATE

**Substrate Requirements** - Install all BendyWood panels on a solid, supportive substrate, such as pre-lined walls, a Ply or MDF-lined carcass. The surface should be structurally sound and even. An unstable substrate can lead to cracks. Avoid open frames.

**Curved Applications** - For curved surfaces, line frames with bendy ply or bendy MDF to ensure adequate support and continuous adhesive bonding.

**Cabinetry Substrates** - Ensure stable backing for cabinetry installations. If support is lacking, pre-line frames with suitable reinforcements based on curvature needs. Use products like Flexy Ply for added stability.

**Wall Substrates** - Only install panels on pre-lined walls with adequate backing to ensure a smooth, seamless finish on walls and ceilings.

## STEP 2 -MEASURE AND CUT TO SIZE

**Measure the Surface** - Measure the height and width of the area where the panels will be installed. Start measuring and applying panels from the most visible side.

**Cut One Panel at a Time** - This will allow you to make adjustments as needed and accommodate any surfaces that are not plumb.

**Use the Right Tools** - A track saw with a sharp, fine tooth blade provides the cleanest cuts. Drop saws with a straight edge are also suitable.

**Cutting Across the Veneer Grain** - When trimming panels to height use a use a track saw with a splinter guard or a skill saw with a clamped straight edge and apply masking tape along the cut line and cut through the tape to reduce splintering.

**Seal Cut Edges** - It's essential to effectively seal all cut edges to protect against moisture and maintain the panels' durability. Lightly sand cut edges with 240-grit sandpaper, then apply a protective coating to every cut edge, whether visible or hidden. Sealing edges prior to installation ensures lasting integrity and guards against moisture infiltration.

## STEP 3 - FIXING YOUR PANELS

### WALL INSTALLATIONS

**Adhesive** - Use a grab adhesive like Sikaflex-118 Extreme Grab for strong bonding.

**Application** - Apply adhesive along the length of the panel, no more than 80mm apart, To ensure even coverage, and that there are no bubbles or voids it may be necessary to comb the adhesive with a notched trowel.

**Clamping** - Clamp or strap the panels if necessary while the adhesive cures. For flat surfaces, clamps may not be required if the adhesive provides a strong enough bond.

## STEP 3 - FIXING YOUR PANELS (CONTINUED)

### CABINETRY INSTALLATIONS

**Adhesive** - Use a contact adhesive such as SikaBond 105 ContactFix for cabinetry surfaces.

**Application** - Apply the contact adhesive following the manufacturer's instructions. Ensure the adhesive does not get on the wood veneer face. If this occurs use a product like Sika Remover 208 or mineral spirits to remove the adhesive on the veneer face.

**Panel Alignment** - BendyWood panels are designed to join seamlessly along their vertical length. Simply align the profiles to get a seamless finish.

**Clamping** - Clamp or strap the panels if necessary while the adhesive cures.

### MECHANICAL FIXING (OPTIONAL)

Mechanical fixing is not recommended as the primary method, but if necessary, use 18-gauge brad nails or panel pins. Nail only in the thickest panel sections, with nails penetrating at least 20mm into the frame. Use a punch tool to recess nails below the surface.

## STEP 4 -JOINTS, FILLING, AND SANDING

**Joints** - While BendyWood panels are designed for side-by-side installation with minimal gaps, panel edges may need additional trimming to ensure edges are clean and straight.

**Filling** - If any small gaps remain in the joints, use a wax filler stick, to fill them and create a smooth, continuous appearance.

**Sanding** - The veneer face should not require sanding. However, if sanding is desired, only a very light sanding is recommended, as the thin veneer layer is designed for optimal flexibility and to conform smoothly to the panel profile.

## STEP 5 - FINISHING AND PROTECTING YOUR VENEER PANELS

**Choice of coating and finish** - The BendyWood Veneer Range is a raw real wood finish, and will require a protective finish. Applying a high-quality coating can enhance both the appearance and longevity of the veneer. We suggest consulting a professional to assist with choosing a suitable finish can ensure maximum resilience and beauty over time.

**Apply your finish once affixed to the substrate** - Only finish your panels only after they are securely fixed to the substrate. Finishes applied before the panel is secured is likely to crack.