

Surfaces creating inspiration.



PanelBac

Specifications 2023

As the name suggests, Panelbac is designed for cabinet backing. Light and very economical it reduces both the weight and the cost of the end product. Panelbac consists of an E0-MDF board with a melamine-impregnated laminate paper applied to the surface. This product comes into its own when quality, and dollars, count. Available pressed one or two surfaces.

1 Colour

Stocked

Cost-effective

1 week
Production lead time

Features:

- Wear and scratch resistant
- Easy clean surface
- Chemical resistant
- Laminate is bonded with cross-linked, thermo-set PVAC
- Stable when laminated on only one side of the substrate
- Environmentally responsible alternative to vinyl and PVC-coated panels
- Cost effective – direct delivered supply chain
- Panelbac laminate has been tested to pass the rigorous R4 Ikea standards



Perfect for

Cabinet Carcasses | Wardrobe & General Shelving | Commercial Furniture | Shopfittings & Displays | Kitchen Cabinetry Backing | Bathroom Cabinetry Backing | Laundry Cabinet Backing | Interior Wall Linings | Residential Furniture



10 Year
Manufacturer's
Guarantee



Free
samples on
all products



Manufactured
right here in
New Zealand



Prefabricated
and ready for final
application



Manufactured
using FSC
certified MDF

How to Specify

1. Select a finish from the product catalogue or at Compac Panels website.
2. Establish the date the joiner or builder will require the panel/s.
3. Consider the product lead time.
4. To order, contact panels@compacgroup.co.nz to confirm the project and approximate timeline, naming the substrate, colour and quantity required.

Thickness and Substrate

Substrate	Sheet Size (mm)	3	4	4.75	6	9	12	15	16	18	24	25	30
Standard (MDF)	2440 x 1220	x	x	x	x	x	x	x	x	x		x	x
HMR	2440 x 1220								x				

Restrictions:

- May not be used as structural elements in walls and ceilings
- Final application must be in interior conditions
- Must not be exposed to excess moisture or humidity

Sustainability

PanelBacs are made using an MDF substrate sourced from sustainable forests and processed by fully qualified FSC and PEFC mills in New Zealand. NZ-made MDF meets Environmental Choice standards for formaldehyde emission levels of E0 ≤ 0.5mg/L, which makes it safe to work with. This ensures what Compac Panels supplies to the market reflects the values we carry as environmentally responsible New Zealanders.

Compliance

All panels by Compac Panels are manufactured using E0 $\leq 0.5\text{mg/L}$ substrate, to meet FSC formaldehyde emissions standards for NZ. MDF substrate has been tested to New Zealand Building Code Verification NZBC C/VM2 Fire Classification Group Number 3. HPL laminate is BS EN 438-3 approved, which is a universally recognised standard for laminates that are $< 2\text{mm}$ thick and intended for bonding to a foundation substrate. All panels must be used in accordance with the NZ Building Code.

PanelBac Storage and Care Guide

(This guide should be read in conjunction with the PanelBac warranty.)

Employ best handling practices when moving panels due to their size/weight. Store panels in dry, well-ventilated conditions, placed horizontally on a flat surface. Avoid over-stacking and keep away from flames or excess heat. Do not store panels in an upright position as this may cause warping.

While our panels are water resistant, they aren't completely waterproof. Care should be taken to ensure to avoid excessive exposure to water, steam, or extreme humidity. Care should also be taken to protect panels from high temperatures caused by steam or heat leaks.

Clean panels with a warm damp cloth (microfibre is ideal), with all excess water removed. Wipe away any remaining moisture with a dry cloth. Alternatively, use a dry cloth with a streak-free glass cleaner or standard household surface cleaning spray. For more difficult stains, try dishwashing detergent on a damp cloth.

Never use the following products on PanelBac panels, as these will damage the surface:

- Abrasive cleaners
- Bleach such as Janola or similar
- Scouring pads, wire wool, sandpaper
- Solvents and thinners.

Use of any chemical substances, solvents, and abrasive substances on panel surfaces will void the warranty.