

Panelbac

Specification Sheet



Panelbac is just as the name describes. The NZ made MDF with a white surface on one of two of the fascies. Panelbac is often used in cabinet backing, to reduce the weight and cost of a product of the final product. Panelbac is made up of an E0-MDF board with a melamine-impregnated P-grade paper laminate applied to the surface. Panelbac comes in to its own when both quality and dollars matter.

1 COLOUR
OPTION

IN STOCK
READY

LOW
COST

1-WEEK
PRODUCTION

Panel Features.

Cross-linked PVAC Bonded

One-side stable

IKEA R4 tested

Cost Effective

Available on MDF

Eco-friendly alternative to vinyl

Suitable for a Wide Range of Industries.

- Residential & Commercial Furniture
- Wardrobe and General Shelving
- Interior wall linings
- Shop fitouts & Displays
- Cabinet Carcases



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.

Choose Your Finish

Select your preferred colour and finish from the Compac Panels catalogue or website.

2.

Confirm Requirements

Determine the date the panels are needed and review current production lead times.

3.

Place Your Order

Email panels@compacgroup.co.nz with the project details, including substrate type, colour, thickness, and required quantities.

Thickness and Substrate.

Substrate	Sheet Size (mm)	3	4	4.75	6	9	12	15	16	18	24	25
MDF (Medium Density Fibreboard)	2440 x 1220	✓	✓	✓	✓	✓	✓					

Restrictions.

Not suitable for use as structural elements in walls or ceilings.

Intended for interior applications only.

Must not be exposed to excessive moisture or humidity.

Sustainability.

Panelbac panels 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. All Panelbac laminates are made using sustainably sourced wood fibres and other environmentally safe products. This ensures what Compac Panels supplies to the market reflects the values we carry as environmentally responsible New Zealanders.

Compliance, Storage & Care.

Compliance

All Panelbacs are manufactured using $E0 \leq 0.5$ mg/L MDF substrate to meet FSC formaldehyde emission standards for New Zealand.

MDF substrate is tested to New Zealand Building Code Verification NZBC C/VM2 Fire Classification Group Number 3.

HPL laminate is BS EN 438-3 approved, the universal standard for laminates under 2 mm thick intended for substrate bonding.

All panel installations must comply with the New Zealand Building Code.

Care & Cleaning

Panelbac surfaces are water-resistant but not fully waterproof.

Avoid prolonged exposure to water, steam, humidity, or excessive heat.

Cleaning Instructions:

Use a warm, damp microfibre cloth.

Remove all moisture with a dry cloth afterwards.

You may use streak-free glass cleaner or standard surface spray.

For difficult stains, use a small amount of dish-washing detergent on a damp cloth.

Storage & Handling Guide

This guide should be read alongside the Panelbac Warranty.

Use proper handling techniques due to panel size and weight.

Store panels horizontally on a flat, supportive surface.

Keep in dry, well-ventilated locations.

Avoid stacking too high.

Keep panels away from heat sources and open flames.

Do not store upright to prevent bowing or warping.

Do Not Use

These will damage surface and void warranty:

Abrasive cleaners

Bleach (Janola or similar)

Scouring pads, wire wool, sandpaper

Solvents or thinners
