

# Surfaces creating inspiration.



## Panellam

### Specifications 2023

Our ex-stock, colour range, these 0.8 - 1mm thick HPL (High Pressure Laminate) sheets, laminated to an MDF substrate, are resilient and decorative. With matching edges, they are a cost-effective, pre-finished solution for a wide range of applications. Panellam's durability make it ideal for high-wear surfaces such as counter tops, wall linings, and commercial grade furniture.

8+ colours stocked - pressed to your required substrate when ordered.

A range of  
colours

Stocked

Mid-range

1 week  
Production lead time

## Features:

- High impact resistance
- Water and moisture resistant
- Scratch and abrasion resistant
- Chemical resistant
- Heat and steam resistant
- Stain resistant
- Anti-microbial properties
- Easy clean surface
- All raw material comes from sustainable sources
- Laminate adhesive is a water resistant, hot melt glue



## Perfect for

Kitchen Cabinetry | Bathroom Cabinetry | Laundry Cabinetry | Benchtops | Tabletops |  
Shopfittings & Displays | Hospitality Furniture | Interior Wall Linings | Motorhome & Caravan  
Interiors | Commercial Automotive Joinery



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](mailto: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
Standard (MDF)	2440 x 1220	x	x	x	x	x	x	x	x	x		x
HM - MDF	2440 x 1220								x			
Hardwood Ply	2440 x 1220	x										
INDO Ply	2440 x 1220					x	x	x		x		
Birch Ply	2440 x 1220						x			x	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

PanelLams 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.

## PanelLam Storage and Care Guide

(This guide should be read in conjunction with the PanelLam 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 PanelLam 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.