

# PanelLam Specification Sheet.



The PanelLam range is the perfect product for where colours and versatility are needed. The stocked range of HPL's (High Pressure Laminate) are pressed on to a Plywood or MDF substrate at the CompacPanels factory ready for final manufacturing into commercial furniture, wall linings, doors, and much more. The HPL surface is 0.8 – 1mm thick and high wearing, heat resistant and very versatile.

36 COLOUR  
OPTIONS

IN STOCK  
READY

DECORATIVE  
SURFACES

1-WEEK  
PRODUCTION

## Panel Features.

High Impact resistance

Stain & Moisture resistant

Heat & Steam Resistant

Easy-clean surface

Sustainable materials

Perfect Woodgrain & Mineral Finishes

## Suitable for a Wide Range of Industries.

- Kitchen, bathroom & laundry cabinetry
- Retail shopfitting and display systems
- Hospitality furniture and interiors
- Interior wall linings
- Motorhome & caravan fit-outs
- Commercial automotive joinery
- Benchtops and tabletops



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](mailto:panels@compacgroup.co.nz) with the project details, including substrate type, colour, thickness, and required quantities.

## Substrate Options and Thicknesses.

| Substrate                                       | Sheet Size (mm) | 3 | 4 | 4.75 | 6 | 9 | 12 | 15 | 16 | 18 | 25 |
|-------------------------------------------------|-----------------|---|---|------|---|---|----|----|----|----|----|
| <b>MDF</b><br>(Medium Density Fibreboard)       | 2440 x 1220     | ✓ | ✓ | ✓    | ✓ | ✓ | ✓  | ✓  |    |    |    |
| <b>HMR - MDF</b><br>(Highly Moisture Resistant) | 2440 x 1220     |   |   |      |   |   | ✓  |    | ✓  | ✓  | ✓  |
| <b>INDO Ply</b>                                 | 2440 x 1220     | ✓ |   |      |   | ✓ | ✓  | ✓  |    | ✓  |    |
| <b>Birch Ply</b>                                | 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.

PanelLam 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. This ensures what Compac Panels supplies to the market reflects the values we carry as environmentally responsible New Zealanders.

# Compliance, Storage & Care.

## Compliance

All PanelLam Panels 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.

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## Care & Cleaning

TitanPanel 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.

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## Storage & Handling Guide

This guide should be read alongside the PanelLam 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.

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## Do Not Use

These will damage surface and void warranty:

Abrasive cleaners

Bleach (Janola or similar)

Scouring pads, wire wool, sandpaper

Solvents or thinners

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