The Melamine Book
Designs to inspire.
Durable, easy care and with a range of colours designed to inspire.
Stylish, affordable and easy care. Prime Melamine is one of the most popular choices for kitchen & bathroom cabinetry, furniture, wall panelling and more.

Prime Melamine carries Environmental Choice NZ accreditation and has a low formaldehyde rating, making it a safe and healthy choice. It also contributes valuable points for Greenstar and Homestar projects.

Our tough, low pressure melamine panels are made right here in New Zealand and carry a 10 year warranty.

- 12 new colours have been recently added, bringing the total colour range to 62.
- Our stunning new Timberland finish (see page 64) provides a deeply textured and realistic timber grain across the panel.
- Some designs available in 1800mm wide panels, ideal for desks and commercial furniture.
The melamine range

Affordable, stylish and family-friendly - Prime Melamine is a great option for your interior.
Woodgrain designs

As our world becomes more digital, we’re increasingly drawn to the natural and the authentic.

With this in mind, we’ve been inspired by the warmth and beauty of natural timber and have introduced nine gorgeous new woodgrain designs. They combine beautifully with our new, deeply textured Timberland finish to provide a realistic experience for both the eyes and senses.

Nordic Ash  Nordic Pine  Hamptons Elm
1800mm available  Laminate match available

Printed swatch colours should not be relied upon for your selection. Always choose from a real sample.
Melamine Woodgrain Premium Ply
Original Oak

Oiled Oak

French Oak

Prime Tawa

1800mm available
Melamine Woodgrain: Original Oak
Melamine Woodgrain: French Oak
Designed by Yellowfox
Melamine Woodgrain: Baroque
Designed by Kitchens on Highbrook
Prime Panels

- Tahoe Walnut
- Black Forest Oak
- Fumed Oak
- New Oak Noir

1800mm available
Melamine Woodgrain: Tahoe Walnut
Design by Liz Tjahjana
Paterson Architecture Collective
Melamine Woodgrain: Fumed Oak
Design by Fiona Renton, Sandalwood Design with Kirsty Davis, Hagley Kitchens
Melamine Woodgrain: Hickory Walnut
Our range of patterned designs are deliberately subtle, making them a highly versatile option for cabinetry and wall paneling.

They also make a more interesting choice than traditional white for interior drawers, cupboards and visible shelving. Three sophisticated new striated designs have been added to our line-up.

Patterned designs

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Prime Panels          The Melamine Book

Lite Aluminium
1800mm available

Skyfall

Mr Grey

Brushed Pewter
Solid colours

As the hero, or the supporting act for another surface design or texture, Prime Melamine’s range of solid colours have been chosen with New Zealand’s interior colour palettes firmly in mind.

Among our big range of neutrals, we have more than 10 matches for Resene colours to give you added flexibility.

Printed swatch colours should not be relied upon for your selection. Always choose from a real sample.
Melamine Solid Colour: Sea Fog
Design by Carly Mohan-Dracoulis
Joinery by Mastercraft Kitchens, Whangamata
Thorndon Cream  
Resene colour match

Pearl Lusta  
Resene colour match

New Half Spanish White  
Resene colour match

Chalk

Concrete  
Resene colour match

Quarter Fossil  
Resene colour match

White Pointer  
Resene colour match

Dover
Anthracite

Ironsand

Black

1800mm available

1800mm available

1800mm available

Prime Panels  The Melamine Book
Melamine Solid Colour: Black

Kitchens on Highbrook
Everything’s going to be all bright

When you need a dash of intense colour it would be hard to ignore these four fun colours.
Prime Melamine is a tough, pre-finished, low-pressure laminate panel. With a variety of surface finishes and substrate options, Prime Melamine is the ideal choice for a multitude of interior applications.
Our new Timberland finish

We’re excited about the possibilities that our new Timberland finish can offer. It gives a visual and sensory experience that’s as close to real timber as possible – it even fooled some of New Zealand’s best joinery professionals. It’s a fantastic complement to our new range of woodgrain designs.

The Timberland finish is achieved by using a specially engraved plate when the melamine paper is pressed onto a substrate.
Other finishes

The addition of our new Timberland plate finish brings our total offer to six. Below are the four finishes that can be selected for our entire range when pressed on 2440 x 1220 mm panels. We have a gloss plate finish which is only available for Prime White.

Only Velvet and Embossed finishes are available for our larger 2440 x 1830mm or 1830 x 1830 mm panels.

**Embossed**
A lightly textured, orange-peel-like surface with good scratch resistance.

**Velvet**
A delicate, low sheen eggshell surface.

**Woodgrain**
A light and natural grain texture simulating that of timber. (Not available in 1800mm)

**Wilderness**
A heavily textured, grained surface. Designed to enhance natural characteristics. (Not available in 1800mm)

Edging

Prime Melamine offers a range of high quality, matched edge tape for all its decors. These vary by colour and are updated frequently. You can check what’s available by either clicking on any melamine colour swatch on our website, or by downloading our edging availability chart.

We have a mix of 1mm and 2mm edge tape and more than 20 colours have laser edge tape.
Substrates

Melamine paper can be pressed on a variety of substrates and the choice is generally determined by the end use. A large wall panel will likely have a different substrate than what is required for a desk, wardrobe, or kitchen drawer. Generally pressed with the paper on both sides, it can also be pressed on just one side if required.

### MDF

This substrate is the most commonly used as it's suitable for most applications. A heavier weight than particleboard and low formaldehyde with an E0 rating. Also available in MDF MR (moisture-resistant).

### MDF FR

This fire-retardant MDF panel has been developed specifically for commercial applications and achieves a Group 1S fire rating.

### MDF FR Black

MDF FR Black achieves a Group 1S fire rating and looks stunning when you want to have exposed edges.

### Particleboard (PBD)

(PBD) This is a very cost-effective substrate with good strength and density. Available in standard and moisture-resistant (MR) versions when it is destined for high-moisture environments.

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<table>
<thead>
<tr>
<th>Substrate Type</th>
<th>Panel Size</th>
<th>Thicknesses (mm)</th>
<th>EN</th>
<th>E0</th>
<th>EN</th>
<th>E0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard MDF</td>
<td>2440 x 1220</td>
<td>6, 9, 12, 15, 16, 18, 21, 25, 30</td>
<td>ENV</td>
<td>E0</td>
<td>ENV</td>
<td>E0</td>
</tr>
<tr>
<td>MDF Moisture Resistant</td>
<td>2440 x 1220</td>
<td>6, 9, 12, 15, 16, 18, 21, 25, 30</td>
<td>ENV</td>
<td>E0</td>
<td>ENV</td>
<td>E0</td>
</tr>
<tr>
<td>MDF Liteboard</td>
<td>2440 x 1220</td>
<td>6, 9, 12, 15, 16, 18, 21, 25, 30</td>
<td>ENV</td>
<td>E0</td>
<td>ENV</td>
<td>E0</td>
</tr>
<tr>
<td>Natural MDF FR</td>
<td>2440 x 1220</td>
<td>6, 9, 12, 15, 16, 18, 21, 25, 30</td>
<td>ENV</td>
<td>E0</td>
<td>ENV</td>
<td>E0</td>
</tr>
<tr>
<td>Black MDF FR</td>
<td>2440 x 1220</td>
<td>6, 9, 12, 15, 16, 18, 21, 25, 30</td>
<td>ENV</td>
<td>E0</td>
<td>ENV</td>
<td>E0</td>
</tr>
</tbody>
</table>

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ENV = Environmental Choice
En/Es = Formaldehyde emission level
$\Rightarrow$ = Available

All our substrates are sustainably sourced.
Help & support

Please refer to the following pages for any further information that might come in handy.
Environmental considerations

At Prime Panels we try our very hardest to leave as gentle a footprint as possible. It’s easy to say but harder to do. We are genuine in our efforts to improve our environmental performance.

We continue to search for alternative products that meet the growing needs of our environmentally-conscious customers while creating processes in our manufacturing that are mindful of the environment for future generations. Our key initiatives include:

- Having Environmental Choice NZ accreditation for our melamine panels pressed on 6mm MDF or 9mm particleboard and thicker. This means they contribute valuable points for Greenstar and Homestar projects.
- The use of sustainably sourced veneers, melamines and substrates
- Supplying low-formaldehyde board – EO for our standard and moisture-resistant MDF, and E1 for particleboard and our fire-retardant MDFs.
- Reducing manufacturing waste and also finding new ways to re-use and recycle any that is generated
- Finding new ways to reduce energy consumption

Our purpose-built plant in East Tamaki (with Greenstar +4 accreditation) opened in early 2017 and features a number of initiatives that have significantly improved our environmental footprint.

Technical data

Intended Use

Prime Melamine can be used for doors, drawers and panels in kitchens, wardrobes, wall linings, bathroom vanities, laundries, commercial furniture, shop fittings and shelving.

Limitations

Prime Melamine is not suitable for use in exterior applications or interior applications where ambient environmental moisture content is likely to be elevated for extended periods such as interior swimming pool, sauna or industrial wet areas. While Prime Melamine has excellent water and vapour resistance, care should be taken not to expose raw edges or edging to high moisture applications. Where Prime Melamine is required to meet the requirements of the New Zealand Building Code, or forms part of a building system, the application and supporting structures must be designed by suitably qualified design professionals.

Manufacture

The Prime Melamine surface is made from plain coloured or printed décor papers impregnated with melamine resins. The base paper weight of between 70 g/m² and 120 g/m² results in a finished surface lamination thickness of between 0.075mm and 0.200mm.

The melamine laminated surface is pressed under heat and pressure onto the substrate between metal press plates at the manufacturing facilities in Auckland or Nelson. The metal press plate determines the texture of the finished surface.

Physical properties

The physical properties and characteristics below are for the laminated melamine surface only. These should be read in conjunction with the appropriate Prime substrate physical properties. Prime Melamine paper is sourced from a number of international suppliers, the following table is intended to be indicative of the properties and are representative of most sizes, colours and textures

<table>
<thead>
<tr>
<th>Test</th>
<th>Method</th>
<th>Unit</th>
<th>Solid Colours</th>
<th>Printed Patterns</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>AS/NZS 4266.2 Section 2</td>
<td>Visual</td>
<td>Complies with AS/NZ 1859.3:2017 Clause 2.2</td>
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<tr>
<td>Resistance to Surface Abrasion</td>
<td>AS/NZS 4266.2 Section 3</td>
<td>Revolutions</td>
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<td>&gt; 100</td>
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<tr>
<td>Poreosity</td>
<td>AS/NZS 4266.2 Section 5</td>
<td>Rating</td>
<td>Faint marking</td>
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<tr>
<td>Steam Resistance</td>
<td>AS/NZS 4266.2 Section 6</td>
<td>Rating</td>
<td>No visible swelling</td>
<td></td>
</tr>
<tr>
<td>Cracking Resistance</td>
<td>AS/NZS 4266.2 Section 7</td>
<td>Visual</td>
<td>No vehicle cracks or micro cracks</td>
<td></td>
</tr>
<tr>
<td>Beetroot Juice</td>
<td>AS/NZS 4266.2 Section 8</td>
<td>Visual</td>
<td>Complete removal</td>
<td></td>
</tr>
<tr>
<td>Coffee</td>
<td></td>
<td></td>
<td>Faint Stain</td>
<td></td>
</tr>
<tr>
<td>Tomato Sauce</td>
<td></td>
<td></td>
<td>Complete removal</td>
<td></td>
</tr>
<tr>
<td>Black Pen</td>
<td></td>
<td></td>
<td>Complete removal</td>
<td></td>
</tr>
<tr>
<td>Shoe Polish</td>
<td></td>
<td></td>
<td>Complete removal</td>
<td></td>
</tr>
</tbody>
</table>

Fire Compliance

Fire testing has been carried out on a range of substrates. Prime Melamine achieves a Group IS when pressed on MDF-FR in a thickness of 12 mm – 19 mm and a Group 3 rating when pressed on standard MDF in a thickness of 12 mm -18mm.

Manufacturing Standards

Our melamine is manufactured and tested in accordance with AS/NZ 4266, the standard for reconstituted wood-based panels. Both our standard MDF and moisture-resistant MDF are low formaldehyde and rated E1. Our FR-rated MDF and particleboard is rated E1.

Please refer to the Prime Panels website to view or download the full Technical Data Sheet, MSDS, warranty, substrate charts and edging availability charts.
Care and warranty

Looking after Prime Melamine

Prime Melamine is low maintenance and easy to clean. Simply wipe down with a clean, damp cloth. With stubborn grease and grime, use vinegar diluted with water or Selleys Sugar Soap. Important: Always wipe with a damp cloth, then a dry cloth after cleaning to remove moisture.

Never use abrasive cleaners or cleaning tools on Prime Melamine such as; Jif, Vim, Brasso, steel wool or abrasive sponges. We also recommend caution in using bleach and alcohol-based cleaners. Dilute bleach one part bleach to three parts water.

10 year warranty

New Zealand Panels Group offers a 10 year warranty on Prime Melamine provided it is used for its intended purpose as interior cabinetry, and stored and installed in accordance with best practice, in a tradesman like manner and in accordance with relevant Standards and New Zealand Building Code requirements. To view a copy of the full warranty, please download from the Prime Panels website under the Technical Resources page.
Online help and samples

At primepanels.co.nz our digital front door is open 24/7. You can view our entire colour range, order samples and view or download technical documents and more.

Here’s some features you may find handy.

1. **Order Samples or Create a Collection** - Just use the tick box below any swatch to add it to your Sample Cart or add it to a Collection. Use the checkout cart at the top of the page to have our Samples team despatch your samples to you at no cost. You can also ‘add to your ‘Collection’ any relevant swatches, images or technical documentation. From your Collection you can download or share the information with anyone you choose.

2. **View installation images** - If you see a camera icon on top of the swatch, it means installation images exist for that colour. Just click on the swatch to see these and also additional information about that colour.

3. **Comprehensive Technical Resources** - Accessible from either the main Technical Resources page, or through the product pages, you can select which product, or technical resource type you need using the filters at the top. Our resources are always current and feature Technical Data Sheets, MSDS, warranty information, brochures, availability charts, board and folder layouts and other associated information.

You can also download a high resolution image of the full design to use for 3D renders in design programs. The swatch view will also indicate if the design has a match to our Prime Laminate range or a Resene colour.
Solid colours

- Designer White
- Snow
- Sea Fog
- Prime White
- Bianco

- Quarter Thordson Cream
- Thorndon Cream
- Pearl Lusta
- Concrete
- Quarter Fossil

- New Half Spanish White
- Chalk
- White Pointer
- Dover
- Teak

- Quarter Napa
- Frost Grey
- Half Truffle
- Tea
- Half Pravda

Pattern & Woodgrains

- Black Grey
- Transformer
- Anthracite
- Ironside
- Black

- Tickled Me Red
- Fat Cat Orange
- Frog Green
- Superhero Blue

- Prime Tawny
- Sovereign Oak
- Prime Biri
- Berique
- Smokey Oak

- Charmed Walnut
- Hickory Walnut
- Manhattan Elm
- Ashen Walnut
- Tahaa Walnut

- Black Forest Oak
- Fumed Oak
- New Oak Noir
- Silver Fox
- Winter Wood

- Light Aluminium
- Skyfall
- Mr Grey
- Honed SIlica
- Honed Steel

- Premium Ply
- Prime Maple
- Original Oak
- Oiled Oak
- French Oak

- Brushed Pewter
- Steel
- Honed Slate
For all enquiries:
Phone 0800 477 463
Email sales@primepanels.co.nz
Visit primepanels.co.nz