

# SURROUND by Laminex™

## Design & Specification Guide



Introducing Surround by Laminex™ – a modern range of ready-made, decorative wall panels.

Panels are available in a range of profiles to individualise space, from timeless vertical boards, to contemporary scallops, and soft undulating curves.

Surround by Laminex provides a durable, internal wall panel solution that will add dimension to residential and commercial projects. Panels come with a pre-primed face ready to install in a dry area, finish and paint with your colour of choice.

This guide has been developed to provide ideas and assistance on designing and specifying Surround by Laminex.

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## Contemporary designs

A versatile range of decorative timber panels designed for interior surface application.

Make a statement with contemporary rounded and scalloped styles, or create a timeless backdrop with classic vertical boards. All panels are designed in harmony, enabling multiple panels and styles to be installed on a single surface.

## Fast and easy Installation

Apply panels quickly and easily onto prepared plasterboard, timber, steel, brick or masonry wall surfaces.

The decorative front is conveniently pre-primed with a water based paint – ready to be applied with your chosen paint colour.



## Durable craftsmanship

Surround by Laminex™ panels are an impact-resistant timber product. Application is intended for home interior areas such as hallways, bedrooms, playrooms and living areas. Panels are also ideal for internal wall applications across a range of commercial spaces.

## MDF – Manufactured in Australia

Surround by Laminex panels are made in Australia using moisture resistant Medium Density Fibreboard (MDF).

## Fire properties

Surround by Laminex is available in Group 3 rated MR and Group 2 Fire Rated\* MR substrates. For further information and product details, refer to the Surround by Laminex Technical Data sheet.

\*Trade customer indent order only. See page 12 for details.

## Note: Scuff marks & minor scratches

*It is possible that some scuff marks and minor scratches can occur during transportation. These can be easily rectified with a light sand and another priming application prior to painting. Always follow paint manufacturer's directions, including checking if the pre-finished base primer is suitable for the intended painted finish.*

## Surround by Laminex™ is ideal for interior wall linings in a wide range of Commercial & Residential spaces

- Education facilities
- Health and aged care
- Hospitality
- Shopping centres & retail
- Workspaces
- Indoor public spaces
- Multi residential
- Single residential

### What you need to know before you start specifying

Surround by Laminex is ONLY suitable for interior wall panel applications. Panels are NOT suitable for the following applications:

- Any external installation
- Wet areas where the product could be contacted by water or liquids (including, but not limited to bathrooms, laundries, garages)
- Fixed to sliding doors or internal honeycomb construction doors
- Ceilings
- Floors
- Adhered to tiles, cork, natural stone, textiles, wallpaper, timber panelling or masonite.

Non-compliant use of panels will not be considered under warranty.

### Where Surround by Laminex can be directly fixed:

- Timber stud walls and/or steel framed walls
- Brick and block walls or masonry (timber battens or steel furring channels)
- Plasterboard
- Adjacent to fireplaces



Classic VJ 100 creates a delightful hard-wearing wall in this neutral nursery.

## Technical Information

All technical information including Fabrication & Installation Manual, Safety Data Sheet, Technical Data Sheet and Limited Product Warranty can be found at [laminex.co.nz](http://laminex.co.nz)

### Fabrication & Installation Requirements

Fabrication and installation should follow the instructions provided in the Surround by Laminex Fabrication and Installation Manual available at [laminex.co.nz](http://laminex.co.nz)

Failure to follow the fabrication manual information may void the limited Surround by Laminex warranty.

### Warranty

Surround by Laminex™ is covered by a 5 year limited warranty. Refer to [laminex.co.nz](http://laminex.co.nz) for the latest version of the warranty for this product.



Demi Round 20 painted in soft tones add a gentle depth and personality to this bedroom.

When designing with Surround by Laminex™ consider the following:

### Spatial Design

- Position of existing or planned windows, doors and openings, GPO's (electrical outlets), light and fan controls, air conditioner vents and other cut-outs through the panel for functional appliances.
- Additional reinforcements and/or wall modifications are required when using a partial height design. Both top and bottom edges need to be adequately supported.
- The specific design of the Surround by Laminex panels selected for use and the surface of the intended walls.
- Is the scale and directionality of the design a good fit for uninterrupted areas of the project, as well as the areas that might involve multiple cut outs around fixtures and fittings?
- Is the scale and directionality of the design a good fit for the change of direction through internal and external corners?
- If more than one design of Surround by Laminex panels is considered for the project, the appearance of the panels in both the height and the width of the wall is important.
- The use of different designs together is recommended with the addition of a dado rail applied along the interface join between the two patterns.

### Finishing

- If the use of mouldings and dado rails is anticipated, an unbroken line is recommended to maintain the flow of the design. If there are any interruptions such as architraves, windows, or doors, what is the optimum height to achieve this unbroken line?
- Surround by Laminex decorative panels are pre-primed (face only) with a water based paint. Consult with paint or coating manufacturers for suitability of intended finishes to be applied to Surround by Laminex panels. It is recommended to test the intended finish on the pre-primed surface before project commencement.

### Fabrication Requirements

- Expansion gaps must be maintained throughout all architectural elements such as floors, ceilings, architraves, skirtings, fixtures, fittings and between panels.
- Consider the direction of the wall panel design selected. The joining tongues should always be used – butt joining of sheets (where no tongue is used) is not recommended and is not covered by warranty
- Any access cut-outs for GPO (electrical outlets), air conditioning vents, light switches, or similar, must not occur less than 150mm from the edge of the Surround by Laminex panel.

Visit [laminex.co.nz](https://laminex.co.nz) to view simple step by step installation videos and download the Fabrication and Installation Manual.



Living room feature wall –  
Batten 25.

### Feature wall – Full height

Make a statement with a full height feature wall using Surround by Laminex™ panels. Elevate the space by adding texture, warmth, and a focal point of interest in your room.



Living room feature wall – Batten 25.

### Feature wall – Partial height with plasterboard

Add textural interest by using a combination of Surround by Laminex panels and plasterboard in a Partial Height with Plasterboard design. When achieving this look, it is important to leave a 10mm expansion gap at the top and bottom of the panel. To hide the gap in between the two materials, apply a dado rail of your choice to complete your wall.



Waiting room feature half wall – Demi Round 40.

### Feature wall – Rebated partial height

Add a design statement combined with functionality by creating a rebated partial height wall with Surround by Laminex™. Ideal for the use as a bed head or an additional shelf in a living or reception space. Apply a counter top or shelf top to complete the look.



Stepped wall bedhead capped with wooden trim - Demi Round 40.

### Feature wall – Feature rail

Create a modern, luxurious space by combining a feature wall with a feature rail together with floor and ceiling skirting.



A warm and neutral wall in Demi Round 20 with a crisp white feature rail and skirting.

### Feature panels – Counter & bar fronts

Add another layer of texture and dimension by using Surround by Laminex™ on counter fronts and bar fronts such as kitchen counters, retail, and hospitality spaces. Create an elevated look to match the environment by using our contemporary panels



Retail wall lining and counter front - Demi Round 20 / 40.

### Feature panels – Banquette seating

Complete a dining and seating area using Surround by Laminex panels to add a durable textural detail to banquette seating. Surround by Laminex panels add warmth to a dining environment and experience.

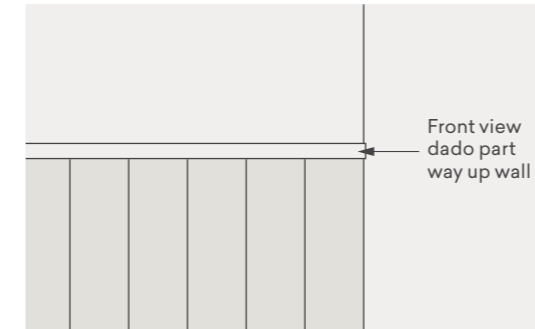


Cafe banquette seating area - Scallop 45.

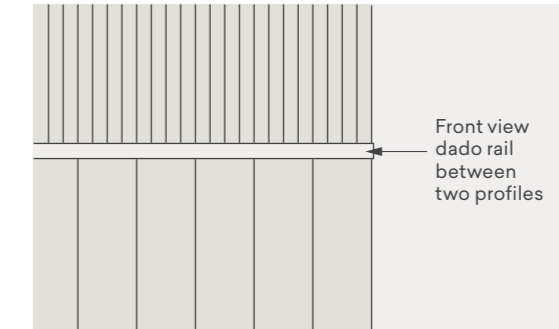
When designing rooms or applications that feature Surround by Laminex™, it is important to consider the below when finishing.

#### Dado Rails

Consider the height of your dado rail, whether it will be interrupted by architraves, windows or doors, and the optimum height to achieve an unbroken line where practical.

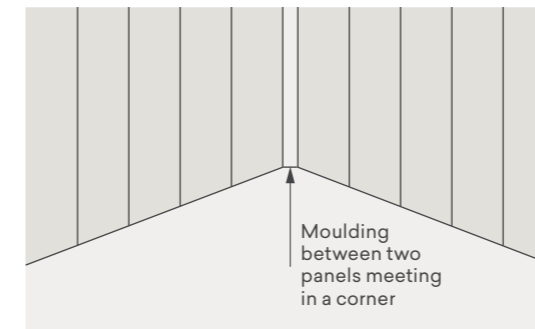


When using two different profiles side by side, apply a dado rail along the interface join between the profiles.

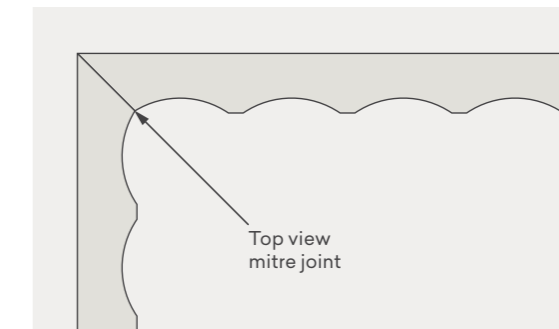


#### Corner Mouldings & Joins

When Surround by Laminex panels meet in a corner an additional moulding may be required.

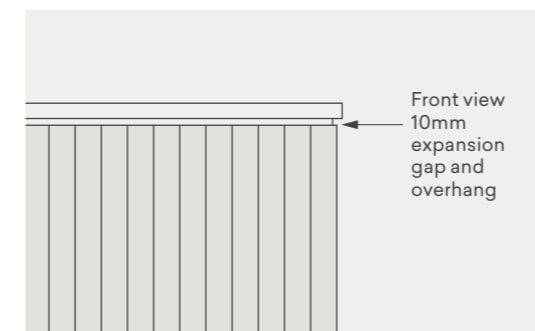


Create a smooth round corner when using the Scallop profile, by creating a mitre joint.

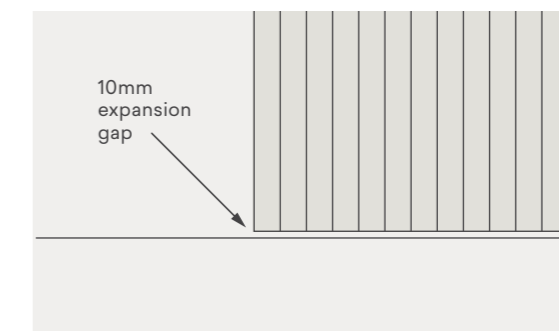


#### Expansion Gaps

When designing applications that feature a counter or shelving sitting on top of Surround by Laminex panels, an expansion gap and overhang of minimum 10mm is required.



A minimum expansion gap of 10mm is required at the top and bottom edges of the Surround by Laminex panel.



For a full run wall, ensure an allowance of 1mm expansion gap for every metre of horizontal wall covered.

Product Information

Surround by Laminex™ is a Pre-Primed Routed MDF Wall Lining product available in a range of profiles, thicknesses and sizes. Refer to pages 14 and 15 of this document to view the range and available sizes.

Grades

**MR** - Surround by Laminex is available in a E0 Moisture Resistant substrate which has a Group 3 Fire Rating. MR grade can be identified with the clear tongue and raw MDF core substrate.



**FR\*** - Surround by Laminex is available in a E1 Fire Rated substrate which has a Group 2 Fire Rating. The Fire Rated grade can be identified with the pink tongue and grey core substrate.



For more technical information, refer to the Technical Data Sheet available at laminex.co.nz

The following are guides for how to complete documentation when specifying Surround by Laminex.

**Option 1 – 12mm MR substrate**

Wall linings shall be Surround by Laminex™ (*insert profile name*) Panels in a 12 mm thick E0 MR MDF substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.

**Option 2 – 9mm MR substrate**

Wall linings shall be Surround by Laminex™ (*insert profile name*) Panels in a 9mm thick E0 MR MDF Raw substrate as supplied by Laminex New Zealand.

**Option 3 – 12mm FR\* Substrate**











Wall linings shall be Surround by Laminex™ (*insert profile name*) Panels in a 12mm thick E1 Fire Rated MDF substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.

**Option 4 – 9mm FR\* Substrate**

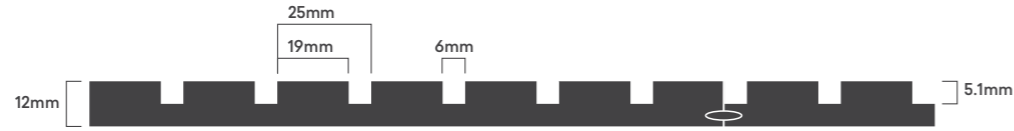
Wall linings shall be Surround by Laminex™ (*insert profile name*) Panels in a 9mm thick E1 Fire Rated MR MDF Raw substrate as supplied by Laminex New Zealand.

To assist with making specification documentation easier, the next page is a quick reference guide for each profile.

**\*IMPORTANT: Trade customers can indent order Surround by Laminex™ as a FR Group 2 substrate. Minimum order quantity is 30 sheets (1 pack). This product is made to order and requires a longer lead time. Contact your Laminex Sales Representative for more details.**

Profile	Product Type	Supplier	Thickness	Description
	Routed MDF Wall Lining	Surround by Laminex	<b>Batten 25</b> Thickness: 12mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall [ <b>linings/panel</b> ] shall be Surround by Laminex™ <b>Batten 25</b> panels in a <b>12mm</b> thick E0 [ <b>insert grade</b> ] substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.
				
	Routed MDF Wall Lining	Surround by Laminex	<b>Scalloped 45</b> Thickness: 12mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall [ <b>linings/panel</b> ] shall be Surround by Laminex™ <b>Scalloped 45</b> panels in a 12mm thick E0 [ <b>insert grade</b> ] substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.
				
	Routed MDF Wall Lining	Surround by Laminex	<b>Demi Round 20</b> Thickness: 12mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall [ <b>linings/panel</b> ] shall be Surround by Laminex™ <b>Demi Round 20</b> panels in a 12mm thick E0 [ <b>insert grade</b> ] substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.
				
	Routed MDF Wall Lining	Surround by Laminex	<b>Demi Round 40</b> Thickness: 12mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall [ <b>linings/panel</b> ] shall be Surround by Laminex™ <b>Demi Round 40</b> panels in a 12mm thick E0 [ <b>insert grade</b> ] substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.
				
	Routed MDF Wall Lining	Surround by Laminex	<b>Classic VJ 100</b> Thickness: 9mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall [ <b>linings/panel</b> ] shall be Surround by Laminex™ <b>Classic VJ</b> panels in a 9mm thick E0 [ <b>insert grade</b> ] as supplied by Laminex New Zealand.
				

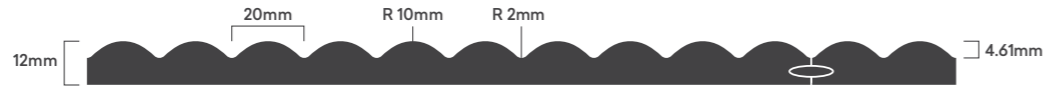
Batten 25



Scallop 45



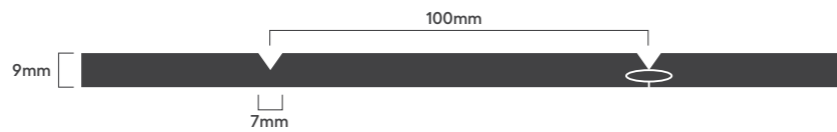
Demi Round 20



Demi Round 40



Classic VJ 100



Profile

Sizes

Dimensions

Finish

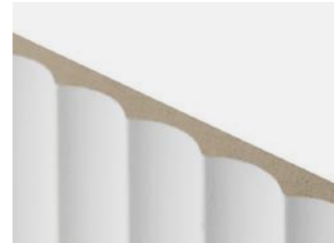
	2400 (H) x 1200 (W)	3000 (H) x 1200 (W)	Weight (kg/m <sup>3</sup> )	Thickness (mm)	Face	Back
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Batten 25



✓	✓	9.2	12	Pre-primed	LPM
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Scallop 45



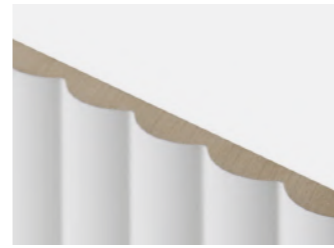
✓	✓	9.2	12	Pre-primed	LPM
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Demi Round 20



✓	✓	9.2	12	Pre-primed	LPM
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Demi Round 40



✓	✓	9.2	12	Pre-primed	LPM
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Classic VJ 100



✓	✓	6.9	9	Pre-primed	Raw
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LPM = Low Pressure Melamine

### Sample Ordering

Surround by Laminex™ samples are available to order through [laminex.co.nz](http://laminex.co.nz) or call **0800 999 939**.



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SAMPLES

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