

SURROUND by Laminex®

Design & Specification Guide



Surround by Laminex® is a modern range of ready-made, decorative wall and ceiling 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 and ceiling panel solution that will add dimension to residential and commercial projects. Panels come with a pre-primed face ready to install, 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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Cover

Referencing the calm of a yoga studio, Scallop 135 adds interest without being busy.

Opposite

Batten 25 creates boldness and mood in this space.

Modern Wall & Ceiling Panels



Contemporary designs

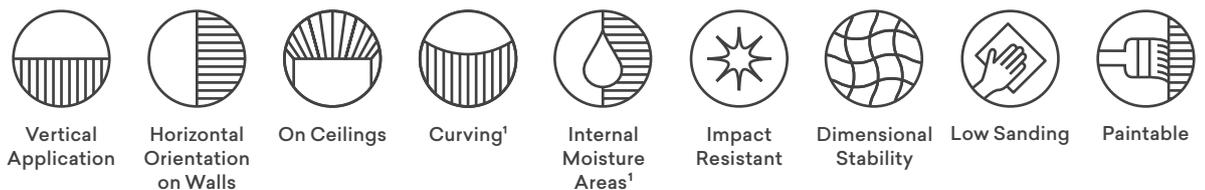
A versatile range of decorative timber panels designed for interior wall and ceiling applications.

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 interior panels

Surround by Laminex® panels are an impact-resistant, moisture resistant, medium density fibreboard (MDF) product.

Application is intended for interior surfaces including hallways, dining areas, bedrooms, living areas, playrooms, foyers, kitchens¹, bathrooms¹, laundries¹, and counter islands².

Panels are also ideal for internal wall and ceiling applications across a range of commercial spaces.

MDF – Manufactured in Australia | PEFC & Global GreenTag^{Cert}™ Certified

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

Using wood fibres from PEFC forests, this product is PEFC-certified. PEFC forests are managed in line with the strictest environmental, social and economic requirements.

Additionally, panels hold a Global GreenTag GreenRate™ certification to a Level A standard.

Note: PEFC and Global GreenTag certification only applies to MR MDF product.



Fire properties

Surround by Laminex is a MR E0 MDF substrate with a Material Group 3 Classification.

Surround by Laminex is also available as a E1 MDF Fire Resistant substrate³ with a Material Group 2 Classification.

Note: This product (E1 MDF FR) is prohibited for use in Internal Moisture Areas and for curving.

Refer to the Surround by Laminex Technical Data Sheet.

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 and ceilings in a wide range of Commercial & Residential spaces

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

What you need to know before you start specifying

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

- Any external installation.
- Direct splash zones – where a vessel (bath, tapware or basin) is within 75mm of the wall.
- Areas where the moisture content is likely to be elevated for prolonged periods such as saunas, indoor swimming pools and industrial wet areas.
- Fixed to sliding doors or internal honeycomb construction doors.
- Floors or cabinetry.
- Adhered to tiles, cork, natural stone, textiles, wallpaper, timber panelling or hardboard.

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

Where Surround by Laminex can be installed

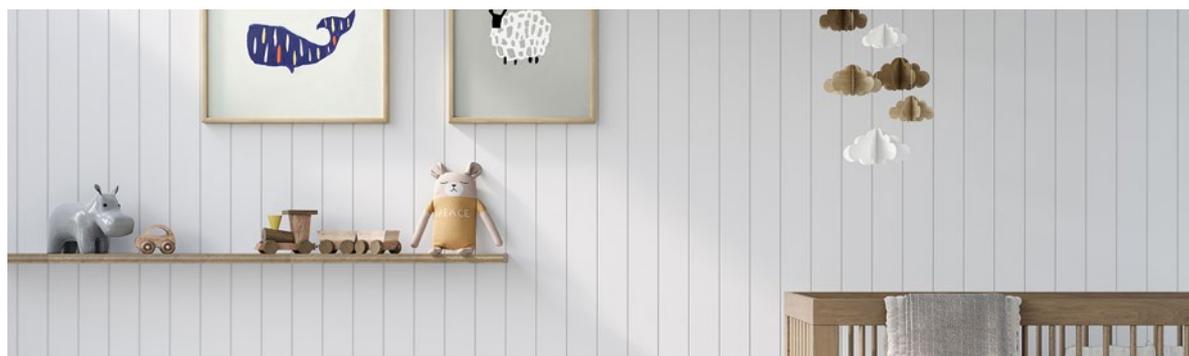
- Fixed to timber stud walls and/or steel framed walls.
- Onto brick and block walls or masonry (timber battens or steel furring channels).
- Fixed to plasterboard.
- Interior walls and ceilings.
- Kitchens¹, bathrooms¹ and laundries¹.
- Around kitchen islands² or around commercial counter tops².
- Adjacent to fireplaces⁴.

¹MR E0 MDF product only. Additional considerations and steps required. Surround by Laminex is prohibited for use in splash zones. Fire Resistant product (E1 MDF FR) is prohibited for use in Internal Moisture Areas and for Curving. Curving should only be undertaken by a person experienced in kerfing and mould making. Follow all instructions outlined in the latest Fabrication and Installation Manual.

²Cannot come into contact with water or liquids. A toe kick is strongly recommended.

³Indent order only. See page 16 for details.

⁴Requires strict adherence to Building Code & Manufacture's Installation Guidelines.



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

Panel orientation

Surround by Laminex can be installed in either vertical or horizontal orientation on walls. See the Fabrication and Installation Manual for detailed instructions.

Expansion gap

A minimum expansion gap of 5mm is required at the top and bottom edges of the Surround by Laminex panel.

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

Curving

Surround by Laminex can be curved to create a stylish rounded structure. Before being curved, panel must firstly be cut (called kerfing). See detailed instructions outlined in the Fabrication and Installation Manual.

Note: Fire Resistant product (E1 MDF FR) is prohibited from being curved.

Technical information

The latest technical information including the Fabrication & Installation Manual, Safety Data Sheet, Technical Data Sheets, Certifications and Limited Product Warranty can be found at 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

Failure to follow the Fabrication and Installation Manual information may void the limited Surround by Laminex Warranty.

Warranty

Surround by Laminex® is covered by a 7 year limited warranty. Refer to laminex.co.nz for the latest version of the warranty for this product.



Demi Round 40 painted in creamy tones creates a calming living space.

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.
- When considering using Surround by Laminex on a ceiling, take into account both the wall and ceiling profiles to ensure they complement each other.
- The use of different designs together is recommended with the addition of a dado rail applied along the interface join between the two patterns. Alternatively, expressed or negative details can be used.

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.
- **When installing in a Internal Moisture Area, additional considerations and steps are required. Refer to section 6.8 of the Fabrication and Installation Manual.**

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.

Download the latest Fabrication and Installation Manual at laminex.co.nz.

Spacial Design Development



Scallop 45 as the perfect backdrop for this contemporary dining room.

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.



Scallop 45 painted in soft pastels creates a calming, Scandinavian feel in this nursery.

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 countertop or shelf top in a material of choice to complete the look.



An elegant split feature wall in a bedroom created with Demi Round 40 capped with wooden trim.

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 5mm 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 using Demi Round 40.



A three-quarter wall application of Classic VJ 100 is applied to a classic hallway entry.

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 counter front using Demi Round 40. Toe kick recommended.

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 using Scallop 45.

Feature panels - Painted detailing

Further express your personality and add another layer of detail by painting your feature wall using two different colours. This will also create the illusion of height and dimension into your space.



A duotone treatment using French Stripe 30 designed to integrate seamlessly with custom window coverings.

Feature panels - Internal moisture areas*

Soften the harsh lines typically found in bathrooms while adding three-dimensional shapes into your bathroom with Surround by Laminex wall panelling. Allowing you to quickly and easily change the look and feel of the space with just a coat of paint.



Demi Round 40 used to create a fresh, contemporary bathroom.

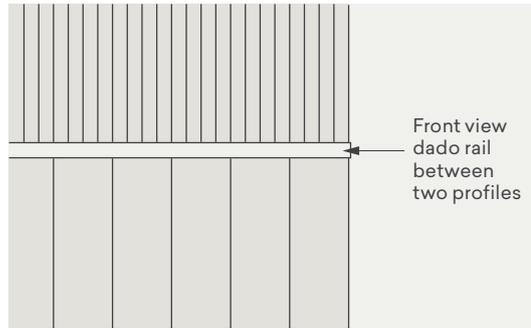
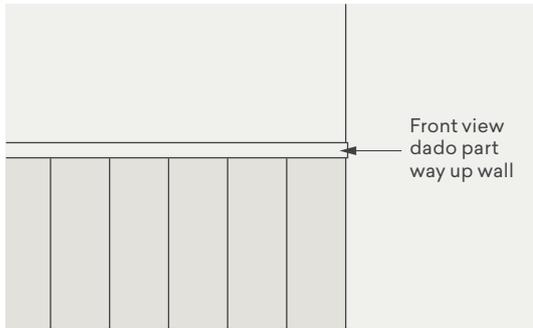
*MR E0 MDF product only. Additional preparation, sealing and painting required. Surround by Laminex is prohibited for use in splash zones. Refer to the Fabrication & installation Manual.

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.

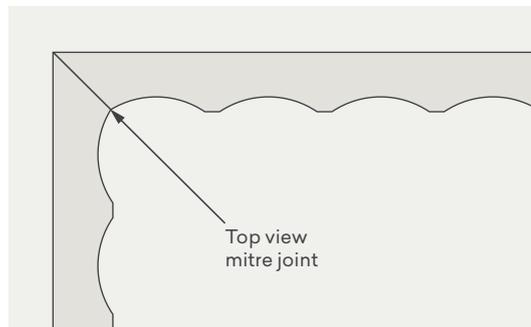
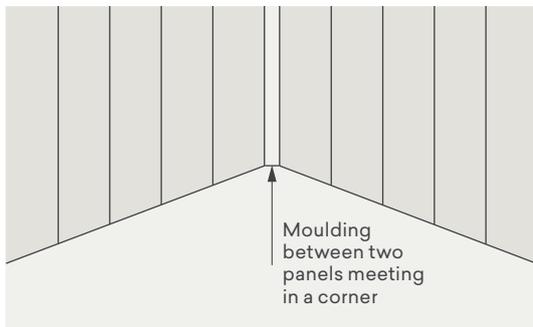
When using two different profiles side by side, apply a dado rail along the interface join between the profiles.



Corner Mouldings & Joins

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

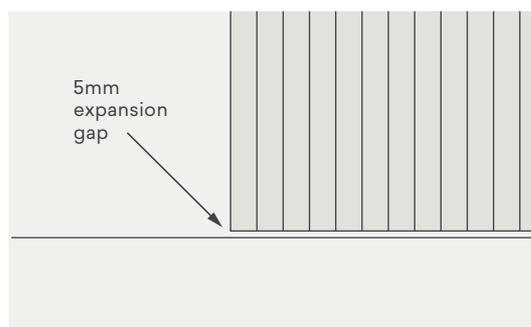
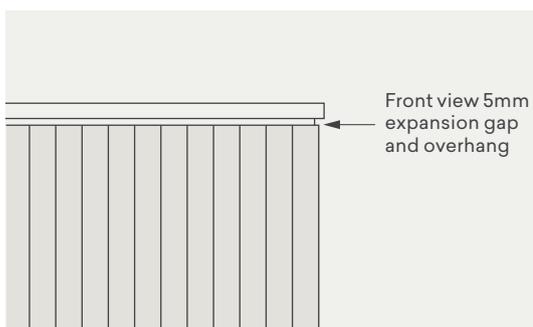
Create a smooth round corner when using the Scallop profile, by creating a mitre joint.



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 5mm is required.

A minimum expansion gap of 5mm 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.

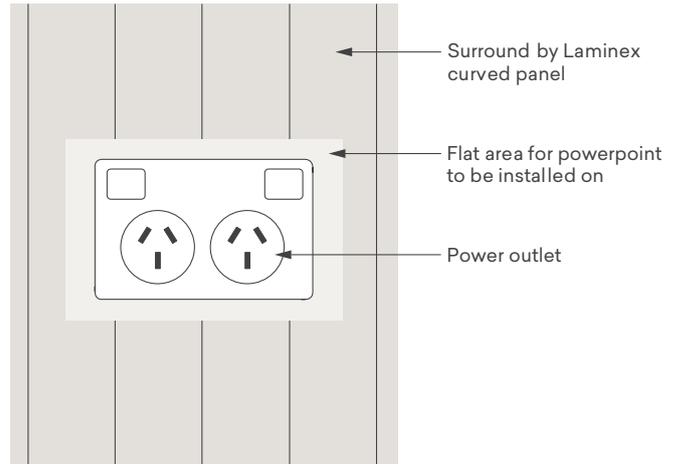
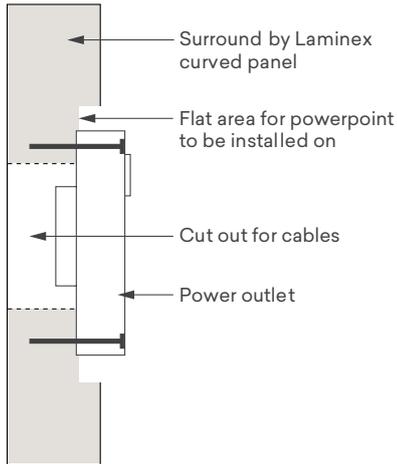
Fireplaces

Depending on the style of fireplace, varying installation requirements are required to meet the building code/fire regulations.

Please refer to the Surround by Laminex® Fabrication and Installation Manual for further information.

General Power Outlets (GPO) – For curved profiles

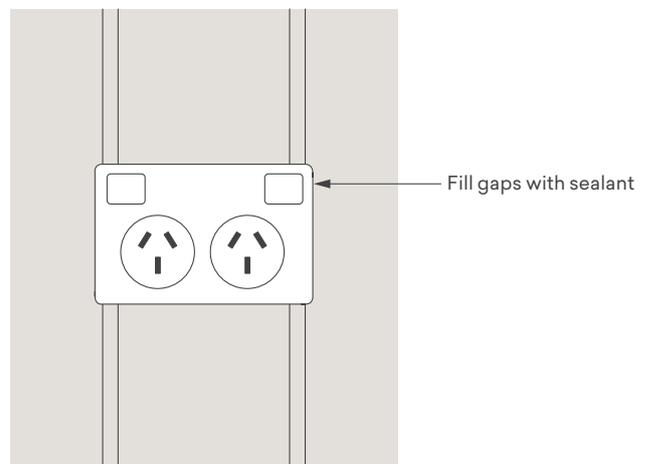
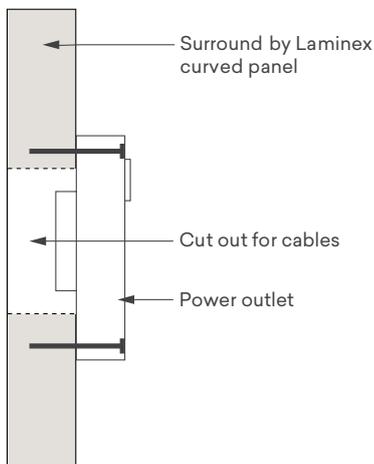
For curved profiles, it is recommended to create a flat area for the GPO to be installed on. This can be achieved by using a router or multi tool.



General Power Outlets (GPO) – For flat profiles

For flat profiles it is recommended to fix the GPO to the front face of the panel.

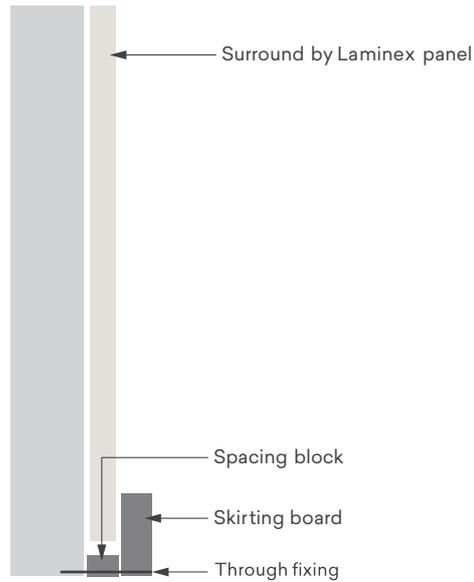
Once installed it is important to fill in any spaces at the back of the GPO to ensure dust and moisture do not have access to the back of the outlet.



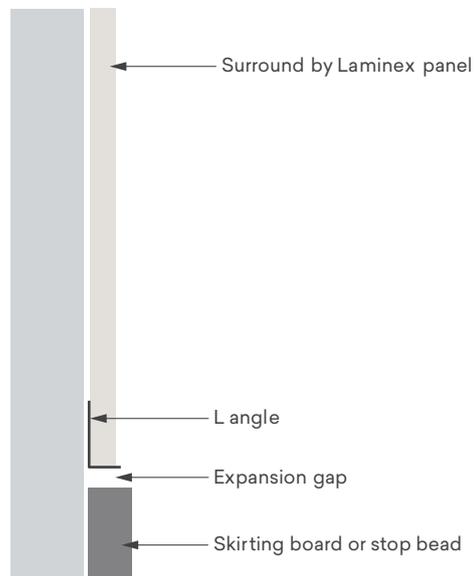
Important: Always use an electrician when working around electrical outlets.

Skirting boards

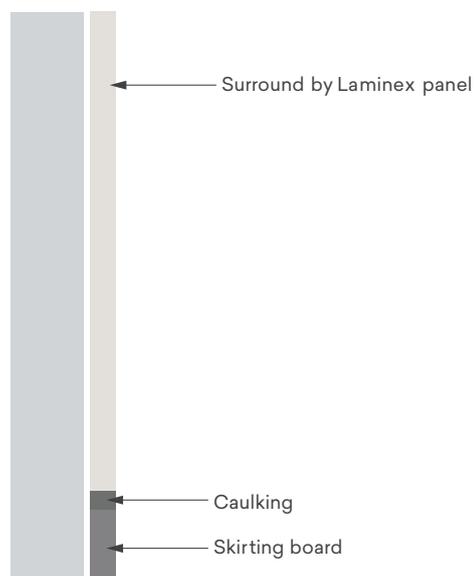
You can hide the expansion gap by installing a skirting board on top of the Surround by Laminex® panel. When doing this, it is important to include a spacing block in between the skirting and frame.



Add a trim to finish the panel installation. This can be achieved by attaching an L angle trim to the rear of the panel. By doing so, it will allow for any expansion that may occur.



Finish your wall by installing a skirting board to the bottom of the wall, allowing room for an expansion gap. You can then fill the expansion gap with caulking to create a smooth complete look.



Product Information

Surround by Laminex® is a pre-primed routed, moisture resistant MDF wall lining product available in a range of profiles, thicknesses and sizes. Refer to pages 18 and 19 of this document to view the range, nominal dimensions and panel sizes.

Grades

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



FR* - Surround by Laminex is available on indent in a E1 MDF Fire Resistant substrate* with a Material Group 2 Classification. This Fire Resistant panel can be identified with the pink tongue and grey core substrate.



Note: This product is prohibited for use in Internal Moisture Areas and for curving.

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 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 MDF with a raw surface on the reverse side as supplied by Laminex New Zealand.

Option 3 – 12mm FR* Substrate

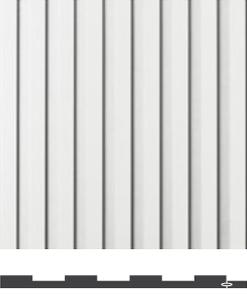
Wall linings shall be Surround by Laminex® *[insert profile name]* panels in a 12mm thick E1 MDF Fire Resistant substrate with a single melamine impregnated decorative surface on the reverse side supplied by Laminex New Zealand.

Option 4 – 9mm FR* Substrate

Wall linings shall be Surround by Laminex® *[insert profile name]* panels in a 9mm thick E1 MDF Fire Resistant substrate with a raw surface on the reverse side supplied by Laminex New Zealand.

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

***IMPORTANT: Surround by Laminex® can be ordered as a Material Group 2 Classification Fire Resistant substrate. Minimum order quantity is 30 sheets (1 pack). This product is Made to Order (MTO) and requires a longer lead time. Indent order terms and conditions apply. Speak to your Laminex Sales Representative for more details.**

Profile	Product Type	Supplier	Thickness	Description
	Routed MDF Wall / Ceiling Lining	Surround by Laminex	Batten 25 Thickness: 12mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall / Ceiling [linings/ panel] shall be Surround by Laminex® Batten 25 panels in a 12mm thick E0 [insert grade] substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.
	Routed MDF Wall / Ceiling Lining	Surround by Laminex	Classic VJ 100 Thickness: 9mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall / Ceiling [linings/ panel] shall be Surround by Laminex® Classic VJ 100 panels in a 9mm thick E0 [insert grade] with a raw surface on the reverse side as supplied by Laminex New Zealand.
	Routed MDF Wall / Ceiling Lining	Surround by Laminex	Demi Round 40 Thickness: 12mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall / Ceiling [linings/ panel] shall be Surround by Laminex® Demi Round 40 panels in a 12mm thick E0 [insert grade] substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.
	Routed MDF Wall / Ceiling Lining	Surround by Laminex	French Stripe 30 Thickness: 12mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall / Ceiling [linings/ panel] shall be Surround by Laminex® French Stripe 30 panels in a 12mm thick E0 [insert grade] substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.
	Routed MDF Wall / Ceiling Lining	Surround by Laminex	Scallop 45 Thickness: 12mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall / Ceiling [linings/ panel] shall be Surround by Laminex® Scallop 45 panels in a 12mm thick E0 [insert grade] substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.
	Routed MDF Wall / Ceiling Lining	Surround by Laminex	Scallop 135 Thickness: 12mm Sheet Size: [Insert here] Finish: Pre-primed Grade: [Insert here]	Wall / Ceiling [linings/ panel] shall be Surround by Laminex® Scallop 135 panels in a 12mm thick E0 [insert grade] substrate with a single melamine impregnated decorative surface on the reverse side as supplied by Laminex New Zealand.

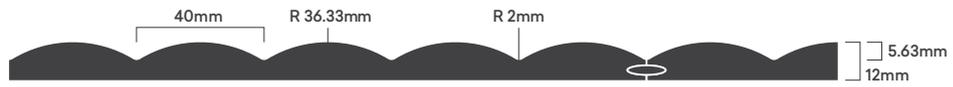
Batten 25



Classic VJ 100



Demi Round 40



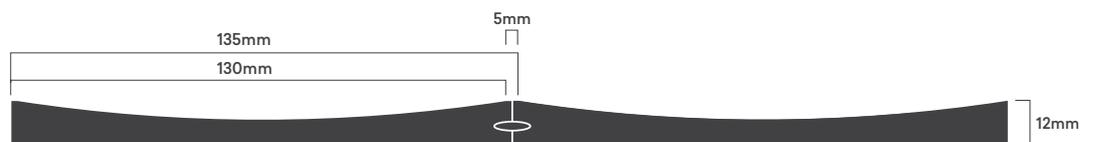
French Stripe 30



Scallop 45



Scallop 135



All measurements are nominal.

Profile	Sizes		Dimensions		Finish	
	2400 (H) x 1200 (W)	3000 (H) x 1200 (W)	Weight (kg/m ²)	Thickness (mm)	Face	Back
Batten 25 	✓	✓	9.2	12	Pre-primed	LPM
Classic VJ 100 	✓	✓	6.9	9	Pre-primed	Raw
Demi Round 40 	✓	✓	9.2	12	Pre-primed	LPM
French Stripe 30 	✓	✓	9.2	12	Pre-primed	LPM
Scallop 45 	✓	✓	9.2	12	Pre-primed	LPM
Scallop 135 	✓	✓	9.2	12	Pre-primed	LPM

Note: Due to the deep tooling required to produce Scallop 135, extra sanding preparation prior to paint application is advised to achieve a smoother finish of this profile. Machine marks maybe visible in areas with critical light.

All measurements are nominal.

LPM = Low Pressure Melamine

Sample Ordering

Surround by Laminex® samples are available to order through laminex.co.nz or call **0800 999 939**.

VISIT US

laminex.co.nz

CALL US

0800 303 606

SAMPLES

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