

# SURROUND by Laminex™

Partial Timber or Steel Frame Wall



Quick Installation Guide

Surround by Laminex™ is a range of easy-to-install MDF wall panels that can be simply applied directly onto timber or steel frame walls. This guide has been developed as a quick reference installation guide. For more comprehensive information, download the Fabrication & Installation Manual at [laminex.co.nz](http://laminex.co.nz)

## Step 1: Planning

**IMPORTANT:** Surround by Laminex is suited for interior applications only. If installing in a Internal Moisture Area (MR E0 MDF only), additional considerations and steps are required. Refer to section 6.9 of the Fabrication & Installation Manual.

For installation you will need:

Safety glasses  
Face mask  
Ear protection  
Safety gloves  
Tape measure  
Pencil  
Spirit level/laser level  
10mm spacers

Circular saw  
Jigsaw  
Drill, nail gun or hammer  
Screws or nails  
Adhesives (refer to page 3)  
Putty  
Putty knife  
Sanding sponge

Please ensure you wear appropriate PPE and use dusk masks, goggles or safety glasses in accordance with the appropriate AS/NZS standard.



- Measure out the height and length of the wall that the panels will be applied to. These measurements will allow you to calculate how many sheets are required for the installation.
- When cutting and trimming panels to size, allow for 10mm expansion gaps at the top and bottom of the panels.
- Refer to the Surround by Laminex brochure for panel sizes.

## Step 2: Preparation



- Before installation, Surround by Laminex panels need to acclimatise for a minimum of 48 hours on site.



- Prepare the stud wall. The studs must be spaced at no more than 600 millimetres apart. Where sheets need to be joined in between studs, place a noggin at 700 millimetres to support the joint.
- When using Surround by Laminex panels for partial wall height installations, place a noggin just below the top edge of the panel.
- Consult with qualified tradespeople to undertake modifications.
- Check that the frame is straight and true using a spirit level / laser level.

# Step 3: Installation

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- To begin installation, start from the corner and work across the wall.
- Apply a generous amount of adhesive in the location of each stud and noggin. Recommended adhesives; Sikaflex®-123 MS Bond, Sika® Nailbond Premium, Gorilla 240FC or Gorilla MS Sealant.



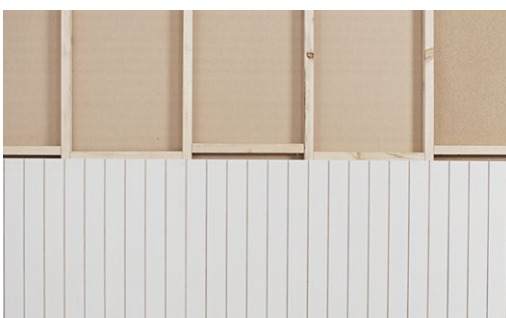
- Then position the panel on the stud wall.
- Use spacers to ensure there is a 10mm expansion gap at the top and bottom of the panel.
- Using a spirit level/laser level, ensure the sheet is accurately positioned.



- When fixing the panel to the frame, space the nails/or screws approximately 200 to 300mm apart; 50mm from the side where possible, but not less than 10mm, and no less than 10mm from the top and bottom of the panel.
- Panels can be nailed by hand or nail gun or screwed into place.
- A centre out pattern is recommended. If this is not achievable, fix along one side of the panel and work across.



- The panels join using a tongue and groove system. Do not forcefully hit the sheets together.
- Ensure an allowance of 1mm expansion gap for every metre of horizontal wall covered. For example, a horizontal wall length of 7m will require an expansion gap of 7mm applied to both ends of the wall (3.5mm at the start and 3.5mm at the end of the wall installation).



- Repeat the previous steps to complete the installation of the next panel.
- To finish the installation, cut the final panel using your measurements and fix into position. Once the panels are fixed to the wall, remove the spacers.
- To finish the top half of the wall, use either plasterboard or contrasting Surround by Laminex panels.

# Step 4: Finishing

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- Use putty to fill in any nail or screw holes, allow adequate drying time before you sand and paint.
- Lightly sand all surfaces to be coated to obtain a smooth and even finish. Use a sanding sponge or progressively use finer grit sandpaper to achieve a smooth edge free of damage, cracks, dents or notches.
- Care must be taken not to abrade the decorative routed areas as this may result in permanent damage of the surface to be painted.



- Lastly, install skirting boards, cornices and dado rails as necessary.



- Your wall is now ready to paint in your colour of choice.
- Surround by Laminex decorative panels are pre-primed (face only) with a water-based paint.
- Make sure you follow your paint manufacture's preparation and application guidelines including checking if the pre-finished base primer is suitable for the intended painted finish.
- **If you are installing Surround by Laminex in a Internal Moisture Area, follow the additional sealing / priming and painting instructions in section 6.9 of the Fabrication & Installation Manual.**

**NOTE: Fire Resistant product (E1 MDF FR) is prohibited for use in Internal Moisture Areas.**

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Watch our simple step by step installation videos at [laminex.co.nz](https://laminex.co.nz)

## Technical and warranty 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](https://laminex.co.nz)

**Surround by Laminex™ products have a 7 year limited warranty.**

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