

A modern dining table and chairs are shown in a minimalist setting. The table is round and white, with a glass vase of orange and yellow flowers on it. The chairs are white and modern. The background is a wall of vertical blinds. The text 'FP' is centered at the top, and 'FEATURE PANEL' is centered below it. At the bottom, the text 'Installation Guide - 'Fine Lines' by Feature Panel' is displayed.

FP

FEATURE PANEL

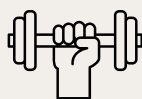
Installation Guide -
'Fine Lines' by Feature Panel

Intro

Why Choose Feature Panel's 'Fine Lines' Range



Pre-primed - ready to paint



Impact-resistant and
durable - ideal for high-
traffic areas



Easy Install - able to be
fixed over existing
plasterboard or direct fixed
to new stud walls



Consistent quality -
manufactured for
consistency - free of knots
and imperfections



FP

FEATURE PANEL

E: info@featurepanel.co.nz W: www.featurepanel.co.nz

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Contact us: If you require any further support for your project or specification, please contact Feature Panel's National Office.

Phone: 0204-126-3756

Email: info@featurepanel.co.nz

General

Storage and Site Conditioning

Always store the product off the ground on timber bearers and away from the elements (sun, rain and wind). Do not store the product in rooms that have recently been plastered or have freshly poured concrete. When receiving the product onsite, allow a minimum of 2 days for the product to attain an equilibrium moisture content before fixing. This will help minimise the likelihood of bowing, shrinkage or cracking.

Panel Dimensions and Joining

Although our panels are manufactured to the highest standard, there can be manufacturing variances. Please re-measure all panels onsite and plan the installation around the actual dimensions received. When end-joining panels, profiles may not align 100%, so it is recommended to use mouldings over these joins.

Maintenance

For best results, periodically clean the panelled surface with a damp cloth. Do not use high-pressure washers, abrasive materials or cleaning products as this can cause coating damage and water ingress into the wall cavity.

Health and Safety

Appropriate PPE should be worn when cutting, handling and fabricating this product.

It is the installer's responsibility to use and maintain all tools and equipment in accordance with the manufacturer's instructions and to do so in a safe manner.

All tools should be fitted with dust collection devices if possible.

Additionally, research shows that any type of dust is hazardous to human health. Therefore when working with this product, make sure to work in a well-ventilated space, and should dust levels exceed Worksafe NZ standards a dust mask must be worn in accordance with AS/NZS 1715 and AS/NZS 1716.

Preparation/Installation

Feature Panel's Fine Line range is produced as a pre-primed MDF panel with a melamine backing. All of the panels are made from 750gsm moisture-resistant MDF, but consideration still needs to be given to the effects of moisture and temperature on the panel's dimensional integrity.

- Organise for the panel to be stored at the location it will be installed, for as long as practical but a minimum of 2 days to acclimatise.
- Order skirtings, architraves and cornices required to finish the job.
- Decide on how you will finish the internal and external corners before installation.
- Measure out and mark where each panel will finish- we recommend framing and nogs to be spaced at 450mm centres.
- It is recommended not to "end butt" panels in horizontal or ceiling applications due to potential movement.
- A minimum of 7mm expansion gap must be left at the top and bottom of the panel when it is installed from floor to ceiling.
- If the panel is only installed part way up the wall, a minimum of 10mm must be maintained between the floor and the bottom of the panel.
- The expansion gap required at either side of the wall can be calculated by multiplying the length of the wall by .5mm, e.g., an 8m wide wall will need a 4mm gap at either side of the wall ($8 \times .5 = 4\text{mm}$)
- DO NOT hard knock the panels together; leave a .5mm expansion gap at each join.
- Keep fixings at least 15mm from edges and 25mm from corners.
- In conjunction with an adhesive, ensure fixings are spaced approximately 500mm apart.

Tools and Equipment

Feature Panel's Tools and Equipment

List:

- Tape Measure
- Pencil
- Saw
- String Line/Laser Level
- Spirit Level
- Nail Gun/Hammer or Drill
- Caulking Gun
- Safety Equipment
- Skirtings, Architraves and Cornices

Cutting:

- When cutting Feature Panel with a circular saw, you should use a sharp blade with the panel face down for best results. Where practical, test the saw on an offcut first and adjust accordingly. If you are using a hand saw, the same applies.
- When notches or cut-outs are required, use a 10mm drill and cut to/between the holes to avoid sharp corners that could split.

Glues:

- A flexible construction adhesive should be used before fixing the panels to the framing. One recommendation is Sikaflex 123 MS Bond; there are many alternatives. Make sure it is an MS "Adhesive", not just a sealant.
- Paintable Gap Filler/Sealant is to be used when fixing our panels to other materials such as mouldings, skirtings and cornices. We recommend a paintable MS "sealant" with sufficient movement capability.
- PVA adhesive is required for glueing panel corners and other fixings.

Fasteners:

- The preferred method of fixing our panels to the wall is by using a Brad Nailer; alternatively, screws or bullet head nails can be used depending on what you are fixing to and the tools available.

Please note:

*A minimum fixing of 2x the panel width (30mm for our 15mm thick panels) into the framing is required. Ensure fixings are not driven into the panel with too high a pressure, or splitting may occur.

Finish:

- Fill fixing holes with contract filler or similar, and once dry, lightly hand sand ready for paint.

Fixing to Framed Wall/Existing Plaster Wall

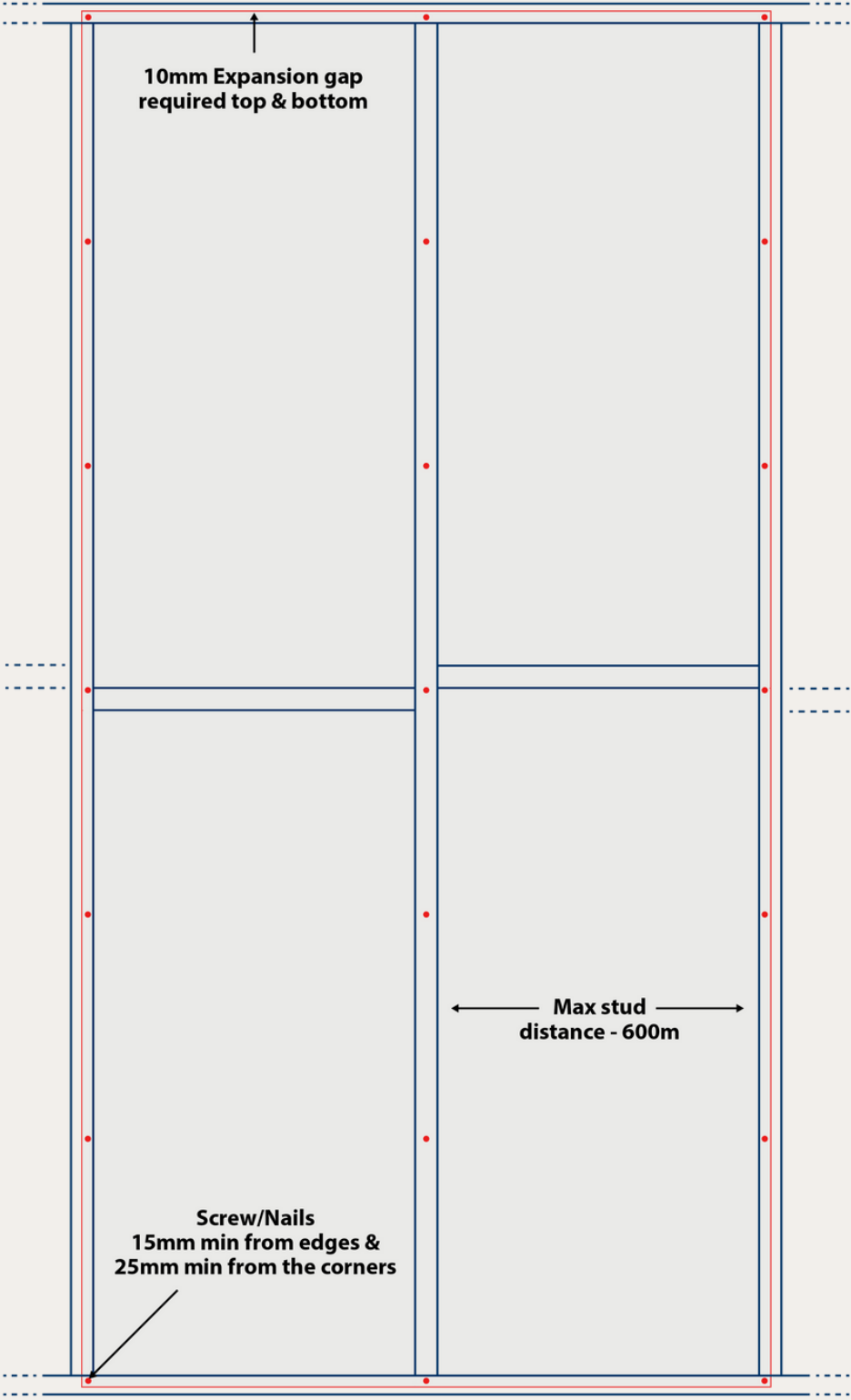
Preparation:

1. Check studs are spaced no further than 600mm apart, and extra noggs have been added if and where needed.
2. Confirm that framing is true and straight.
3. Measure and mark the location of each panel to confirm fixing locations.
4. If installing over a lined wall, use a stud finder to mark all stud and noggin locations before installing.
5. Cut the panel to the appropriate length allowing for an 8-10mm expansion gap top and bottom.

Installation:

1. Start by applying generous dollops of construction adhesive on the studs and noggins; if you are installing over an existing wall lining, space the adhesive at 400mm centres over the total panel area.
2. Place 8-10mm packers on the floor to achieve the required base gap, checking there is an 8-10mm gap at the ceiling.
3. Press the panel to the wall and, using a spirit level, ensure it is plum.
4. Working from the middle out to the sides, fix the panel using nails or screws spaced approximately 500mm apart, making sure the fixing penetrates a minimum of 30mm into the framing.
5. Keeping fixings a minimum of 15mm from edges and 25mm from corners ensures the panel's perimeter is securely fixed without cracking.
6. Continue to fix the remaining panels using the same method, do not hard knock the panels together, and leave a .5mm expansion gap at each join.
7. Once the Feature Panel has been completed, skirtings, architraves and cornices can be fitted. We recommend using a paintable MS "sealant" with sufficient movement capability for best results.

Fixing to Framed Wall/Existing Plaster Wall



Fixing to a Block Wall

Preparation:

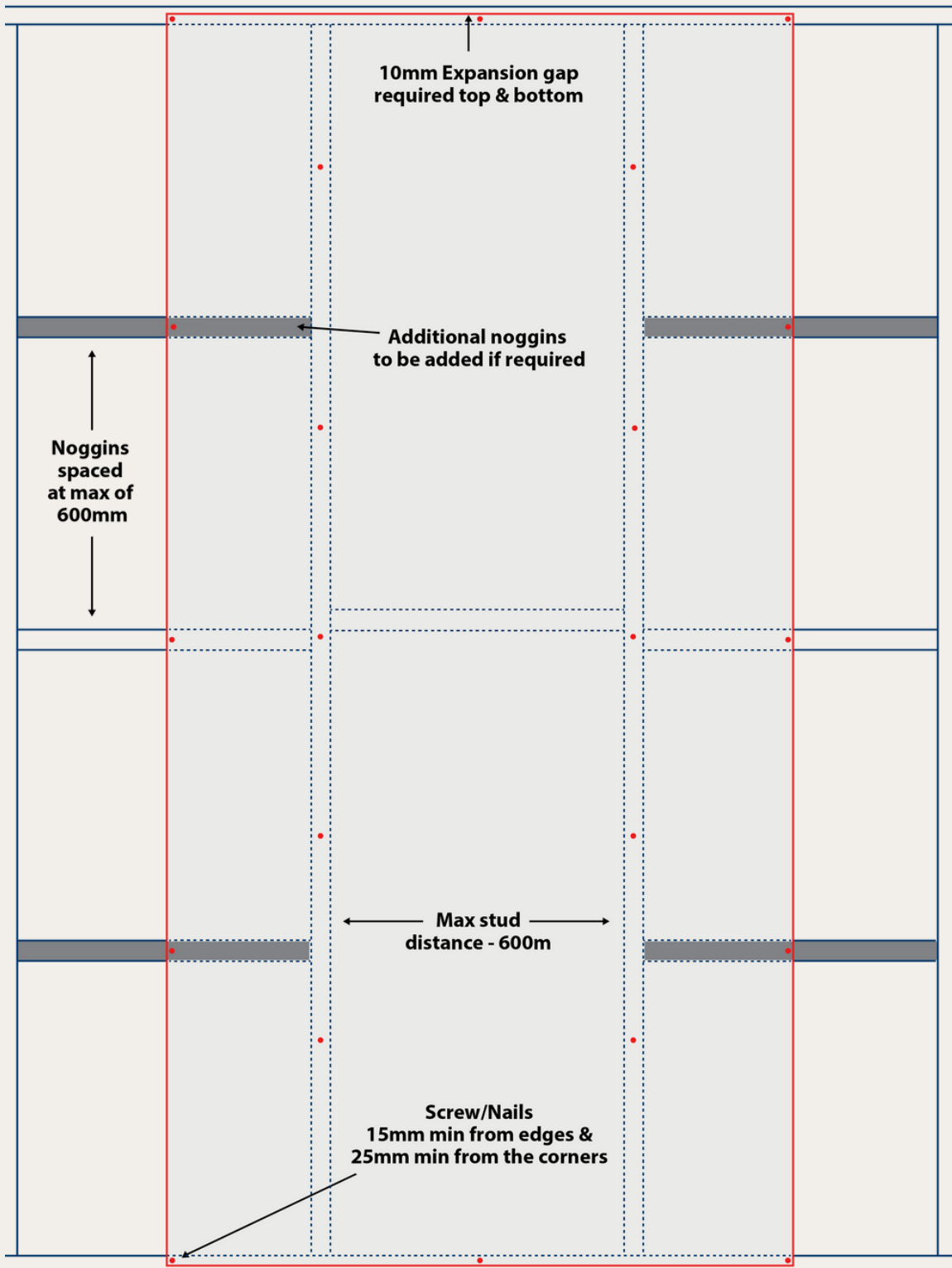
1. Using the appropriate masonry fixings, attach cavity battens or furring channels to the wall horizontally.
2. Ensure the furring channel/battens are fixed at the top and bottom edge of the panel and spaced a maximum of 450mm in-between.
3. Once the channel is adjusted to give a straight wall, proceed to the installation of the feature panel.
4. Cut the panel to the appropriate length allowing for an 8-10mm expansion gap, between top and bottom.

Note: Do not directly fix to the block wall; by doing so, you void all warranties.

Installation:

1. Start by applying generous dollops of construction adhesive to the furring channels/battens, covering the wall area of one panel at a time.
2. Place 8-10mm packers on the floor to achieve the required base gap, checking there is an 8-10mm gap at the ceiling.
3. Press the panel to the wall and, using a spirit level, ensure it is plum.
4. Working from the middle out to the sides, fix the panel using nails or screws spaced approximately 500mm apart, making sure the fixing penetrates a minimum of 30mm into the framing.
5. Keeping fixings a minimum of 15mm from edges and 25mm from corners ensures the perimeter of the panel is securely fixed.
6. Continue to fix the remaining panels using the same method, do not hard knock the boards together, and leave a .5mm expansion gap at each join.
7. Once the Feature Panel has been completed, skirtings, architraves and cornices can be fitted. We recommend using a paintable MS "sealant" with sufficient movement capability for best results.

Fixing to a Block Wall

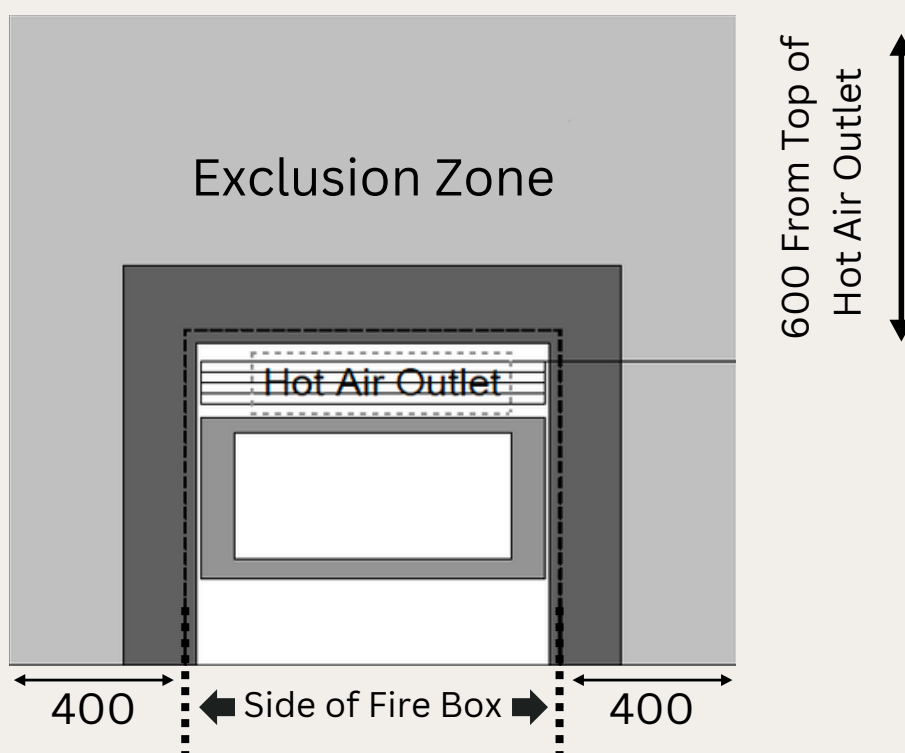


Fireplaces

We advise adhering to the installation guidelines provided by the fireplace/heat source manufacturer, along with compliance with the standards set by New Zealand regulations. Manufacturers may specify the use of non-combustible materials.

It's important to note that Feature Panel's Fine Lines range and Flex range are both classified as combustible materials.

Particular care should be exercised when installing Feature Panels' products in close proximity to a fireplace to mitigate potential safety risks. In case the necessary information is not readily available, you may consult the installation diagram below, illustrating a general exclusion zone for timber-based products. Please be aware that this serves as a general guideline, and recommendations may vary among different manufacturers.



Painting/Finishing

*All our MDF panels come pre-primed with a UV-cured water-based primer on the front and a white melamine backing.

1. Ensure all nail/screw holes and imperfections have been filled and sanded back to a smooth surface.
2. Lightly sand the entire surface and remove dust using a damp cloth.
3. Ensure any joins between panels, skirtings, architraves, and cornices have been finished with paintable MS "sealant".
4. Check that the paint you have selected is compatible with a water-based primer, and should the paint manufacturer require their primer to be used first, this step may need to be taken before top coating.
5. It is recommended that your top coat is an Acrylic coating, which can be applied using a brush, roller or spray gun.



Manufacturer's Warranty

Subject to the terms of this warranty statement, Feature Panel Ltd warrants to the original purchaser of a Feature Panel product; that the product will, subject to compliance with the conditions below, be free from defects due to defective factory workmanship or materials.

Nothing in this warranty shall exclude or modify any legal rights a customer may have under the Consumer Guarantees Act 1993 ("Consumer Guarantees Act") or otherwise (except where the same may be excluded or modified to the maximum extent permitted by law).

The warranty term with regards to the product is two years from the date of purchase.

Conditions of Warranty:

Feature Panel Ltd will not be liable for breach of warranty unless a valid claim has been made and submitted in writing to info@featurepanel.co.nz. The written claim must be made within seven days of the defect becoming reasonably apparent and before installation.

Making a Claim:

The claim to Feature Panel Ltd must include a minimum of:

- (a) proof of purchase;
- (b) the name, address, phone number and email address of the original purchaser;
- (c) the names and addresses of the licensed building practitioners who installed the panel (if any);
- (d) the date on which the defect became apparent.
- (e) photographic images are clearly showing the defect.

Feature Panel Ltd will not process any claim under this warranty unless the claim includes all of the requested documents.

No claim will be accepted once the panel has been installed.

The warranty is personal to the original purchaser of the product and is not transferable.

Manufacturer's Warranty

Warranty Exclusions:

Feature Panel Ltd is not liable, and this warranty does not cover defects or damage which have not been caused by or arising from or attributable to defective factory workmanship or materials, including but not limited to damages and defects caused by or arising from the following:

Use of the product in applications outside that recommended by Feature Panel Ltd.

Impact, abrasion or mechanical force causing damage.

Abnormal treatment of the product.

Surface marking, scratches and stains arising during or after the installation of the product.

Poor installation or workmanship.

Movement and associated cracking and damage caused by structural movement.

Failure of the finished coat includes cracking, lack of adhesion, fading or other issues arising from the coating added to the pre-primed surface.

Use or misuse of any tape, glue, sealants, cleaning products or any other substance on or around the panel.

Repurposing or moving the panel from its originally installed location.

Any acts of God, including extreme weather conditions.

Warranty Resolution:

Where a claim has been accepted, Feature Panel Ltd will either repair the product to an equal quality at their cost or replace the damaged panel with a matching panel. If, however, no stock is available that matches the damaged product, a similar product will be provided.

DISCLAIMER: The information, opinions, advice and recommendations contained in this guide have been prepared as a guide only and should not be used to replace local building regulations. They are offered only to provide helpful information to assist in technical matters associated with the specification and use of our products. While every effort has been made to ensure that this guide is in accordance with current standards, it is not intended as an exhaustive statement. Feature Panel Ltd accepts no responsibility for errors or omissions from this guide, nor for specification or work done or omitted to be done in reliance on this guide.



Contact us: If you require any further support for your project or specification, please contact Feature Panel's National Office.

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