





# Content

04

Important Information

08

Top Tips to keep in mind!

10

Care & Maintenance

14

Product Composition

16

Fabrication & Installation Guide

- Planning your Installation
- Tools & Materials
- Sheet Inspection
- 3 Types of Installations Methods
- Routing & Folding
- 6 Easy Steps to a Perfect Installation

# Important Information

To achieve optimum product performance, AluSplash Splashback Panels must be installed in accordance with the installation guidelines outlined in this manual. Failure to do so will leave the product unwarranted and could pose a potential hazard.

01

Always inspect the panels upon delivery and prior to installation for any visible damage such as dents, impact damage or deep scratches through the protective film. Panels with such defects should not be used, unless the damaged section is outside of the usable area. Installation of damaged sheets will not be covered under the warranty.

02

AluSplash Splashback Panels have a protection film to protect the coated surface from any damage. When joining two or more panels next to one another:

- It is important to install the panels in the same direction as shown by the arrows on the protection film to avoid any visual colour or gloss variation.
- It is important to check the label on each package for the batch number. Panels from different batches may have a slight visual shade difference.

03

If you have received two or more panels from different batch numbers, we would advise you to peel a small portion (up to 10 cm) of the protection film off from any one corner of the panel and place the panels next to one another vertically to check if there is any visual colour difference.

If a colour difference is not visible, you can proceed to install the panel from different batches. If the panels have a colour difference, you should not install the panel.

04

All AluSplash panels are coated on both sides, with the exception of the marble and concrete finishes. Therefore, it is important to check and mark which side you will be using for your kitchen installation.

05

We recommend writing "Front" or "Face" on the protection film which is protecting the coated surface of the side of the panel which you WILL BE using for your kitchen, and "Back" on the side which you WILL NOT be using. Marking this out will help you avoid making a mistake while making cutouts and installing the panel.

06

When cutting, drilling, v-grooving and sawing the panel, always work on the "Back" side of the panel, this is to ensure there are no rough burrs or uneven cuts on the "Front" side which will be facing out to the kitchen.

07

It is important that Personal Protective Equipment (PPE) is always worn when handling, fabricating or installing AluSplash Splashback Panels.

08

All electrical works must be performed by a licensed and certified electrician.

09

Always lift and move the panels with a two-man lift using glazier suction cups in a vertical direction to avoid buckling of the panel.

10

The protection film on the "Back" side of the panel should only be removed after all cutting works are complete. Once the film has been removed, the double-sided tape and silicone adhesive can be applied.

11

The protection film on the "Face" or "Front" side should only be removed at the end of the installation process when the panel has been adhered to the wall.



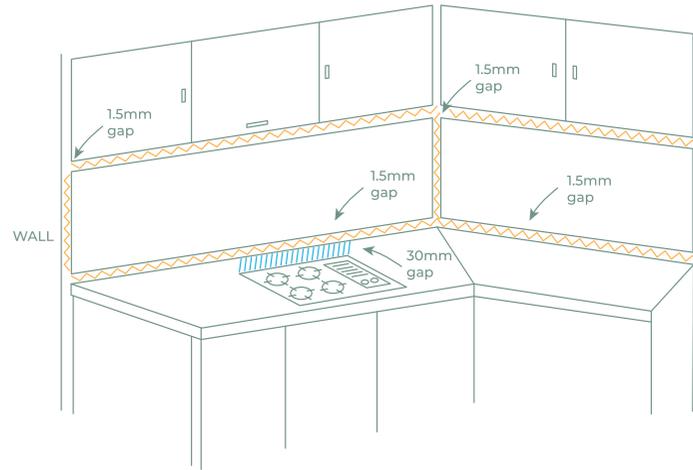
12

Plan your installation, ensuring you have read this manual and watched all the YouTube installation videos on our website. Make sure you have all of the tools and accessories ready before commencing the installation process.

# Top Tips to keep in mind!

01

AluSplash panels are made from aluminium and as such they will expand and contract due to thermal expansion hence it is important to **keep 1.5mm** expansion gaps around the perimeter of the panel.



If the expansion gaps are not maintained, the panel could bulge out or deform due to insufficient space for the panel to expand and contract (Thermal Expansion). Such failures are not covered under the warranty.

02

Measure twice, cut once, and double-check your measurements! As you're working on the back of the panel it can become confusing when transferring the measurements taken from the wall to the back of the panel, this is especially so when making cut-outs for wall sockets.

It is a good practice to mark your measurements on the protection film on the "Back" side of the panel, this will reduce the chances of making mistakes.

03

ALWAYS dry fit the panels and check the fit. We always encourage "dry fitting" the panel prior to applying the silicone adhesive and double-sided tapes.

04

When applying silicone adhesive on the back of the panel, avoid applying the silicone adhesive too close to the edges of the panel as you do not want to have the silicone adhesive spill out from the back of the panel.

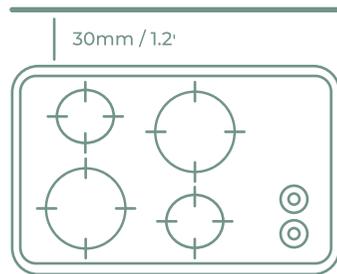
# Care & Maintenance

AluSplash panels are vigorously tested for various aspects of functionality and durability. However, like most wall surfaces it is vital that the panel be cared for and maintained correctly to ensure that the panel retains its aesthetic look, colour, gloss and surface finish.

Failure to comply with these guidelines will result in the product's warranty being void.

01

Ensure that a minimum setback distance of 30mm or 1.18" is maintained between the installed AluSplash panel and the edge of the cooktop.

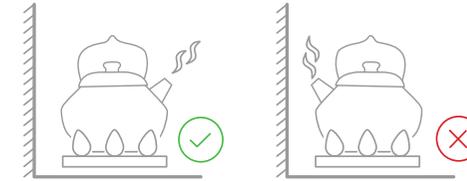


02

Do not clean the panel surface if it is hot! Wait for the surface to cool to room temperature before cleaning.

03

Ensure that the spout of a boiling water kettle is not directly facing the panel surface. Hot steam, air and/or boiling water released from the spout can cause the surface of the panel to be stained or damaged.



04

Do not allow the flame from the gas cooktop to spread up the sides of the cooking pot or pan.



05

Avoid placing metallic or sharp objects like knives and other utensils against the coated surface, as it may cause scratches on the panel's surface.

06

The panel surface must be cleaned regularly, using only a soft microfiber cloth or a non-abrasive cloth. You can clean the panel surface with water, and for stubborn stains, you may use a mild detergent.

# Care & Maintenance

07

It is recommended that all AluSplash panels should be protected with **Vuplex spray for the high gloss finishes** and **Matt Maxx spray for the matt finishes** to protect the panel surface from any scratches or build-up of dirt and grime.

08

Do not use acidic, caustic or abrasive cleaning detergents or materials to clean the panel surface.

09

Detergents with bleach or home remedy solutions such as baking soda, or other stain removing gels, powders, liquids or materials should not be used on the panel surface.



## Adhesives

AluSplash recommends using a low modulus neutral cure silicone or similar, as well as using 3M VHB double-sided tape or similar for the installation of the panels.

## Warranty

Alusplash panels have a 5-year limited liability warranty when installed in accordance with the manufacturers' fabrication and installation guidelines.

# Product Composition

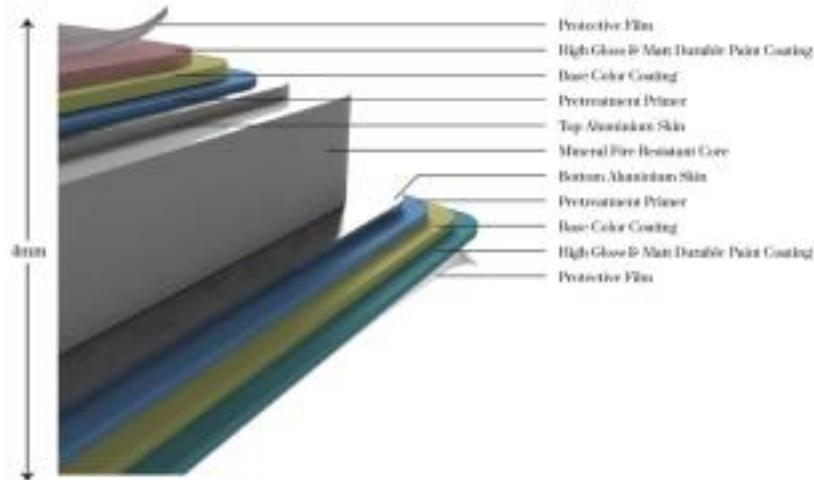
AluSplash is an advanced aluminium substrate, which is roller coated with a highly durable, proprietary paint coated technology.

The core material is produced under a feed block roll injection system, where the front and back aluminium skins are composited with an extruded fire-resistant core and an adhesive polymer film.

The fire-resistant core and adhesive polymer film adhere the aluminium skins to the core material ensuring excellent bond integrity.

The coated surface of the Panel Sheets comes with a self-adhesive peel of protective film.

The panel surface is flat and rigid, and the panel conforms to the highest industry standards



## Product Application

- Kitchen Splashbacks
- Kitchen Island and Bars
- Laundry and Vanity Splashbacks
- Feature Walls
- Mirror Surrounds

## Colours

AluSplash Splashback Panels are available in a wide array of earthy and vibrant colours. Explore our Collections to find the ideal colour and finish for your home. Choose from calming, neutral tones to add understated elegance, or bright and bold accents to make a modern statement.

Colours displayed on the company's brochures, colour charts and website are subject to limitations of commercial printing and screen visuals. These colours may not necessarily represent the actual colour, therefore it is highly recommended that an actual colour sample is requested before making a purchase.

Colour and gloss variations within the company's acceptable tolerances could occur between different production batches and shall be treated as acceptable.

All Panels must be installed in the same direction as shown on the panel's protective film.

# Fabrication and Installation Guide

## Planning your installation

It is very important to plan your installation before commencing with cutting or fabricating the AluSplash Panel Sheet.

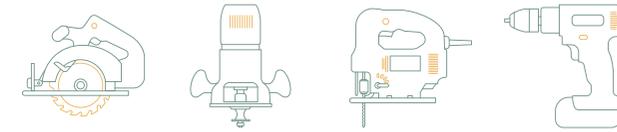
### Some handy tips to consider prior to installation

- Make sure you have all the fabrication materials and tools ready before commencing work
- Ensure that you wear appropriate Personal Protective Equipment (PPE)
- Read through all the installation steps below
- Measure the area TWICE where you plan to install the AluSplash Panel.
- Always use a two-man lift to carry panels around to avoid injury
- Ensure everything is levelled
- After cutting and before installation, always do a dry fit to ensure everything measures up and components fit together nicely
- If things get difficult, get professional help

## Tools & Materials required for Installation

### Recommended Cutting & Routing Tools:

- Circular saw (using an aluminium cutting blade)
- Jigsaw (using an aluminium cutting blade)
- Hole saw or Drill (using HSS drill bits)
- For Bending around corners: Handheld Aluminium Routing Machine (Festool PF 1200 or similar)



## Other materials required for Installation

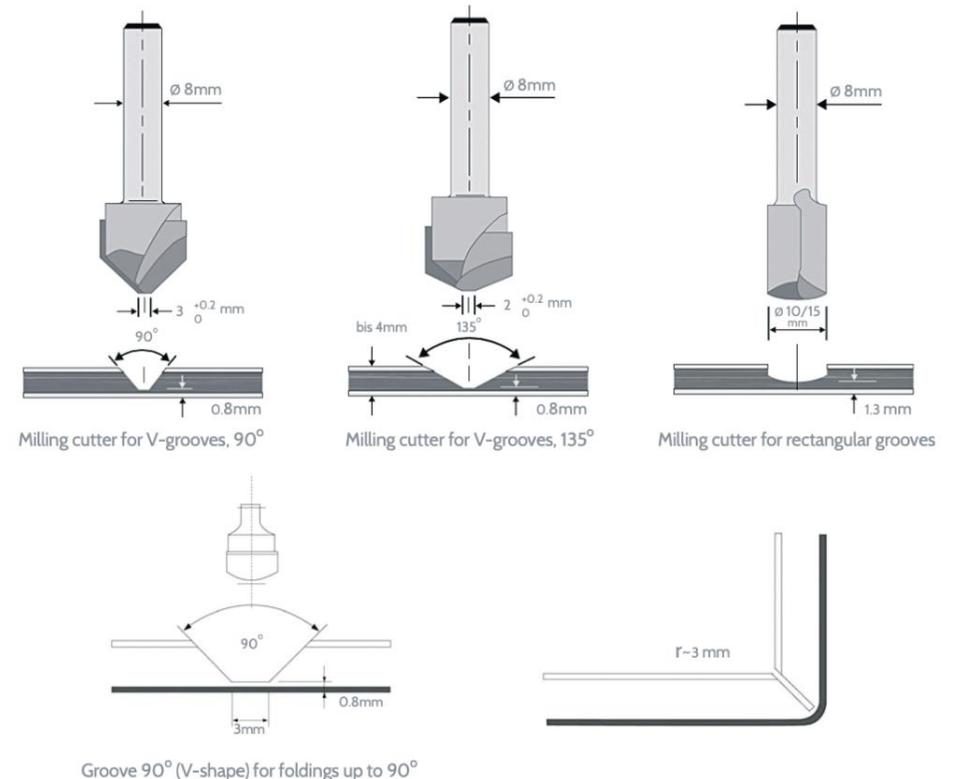
- Measuring tape
- Sand Paper
- Glazier's Suction Cup x 2
- Handy Knife
- Masking Tape
- Builders Angel
- Leveling tool
- Neutral Cure Low Modulus Silicone Adhesive
- Silicon Gun
- Metal File
- VHB Double Side Tape
- 1.5mm packers
- Black Marker & Pencil



## Routing & Folding the Panel for Box Ups

AluSplash Panels can be routed using a handheld routing machine like a Festool PF1200 or similar or a flatbed CNC router to route a "V" shaped groove on the reverse side of the panel sheet. When routing, the groove should not be made all the way to the bottom, a thin layer of core (0.8 mm) must be retained at the base allowing enough room for easy folding. This is to prevent the paint on the coated surface and the aluminium from cracking or crazing during the folding process. Always use a vacuum to extract the swarf build on the panel or clear the swarf regularly to avoid build up on the panel.

For more information on appropriate routing speeds and other technical information on the Festool PF1200 handheld router, please visit [www.festool.com](http://www.festool.com)



# 9 Easy steps to the perfect installation

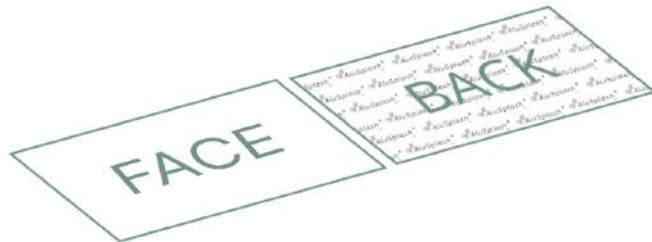
## Step 1: Area Preparation

Ensure that the wall or tiled surface is smooth, clean and free from any cracked plaster, grease, large holes, and paper tears. Use sandpaper to smoothen the wall surface and patch up any holes with plaster filling. The application surface must be flat, square, dry, clean and smooth.

If covering an existing tiled wall make sure that the tiles are securely attached to the wall.

Be careful when lifting the panel, AluSplash is heavy and can bend easily. Open the package with care and check both sides of the panel for imperfections.

**TOP TIP! Mark "FACE" and "BACK" on the panel to avoid making mistakes.**



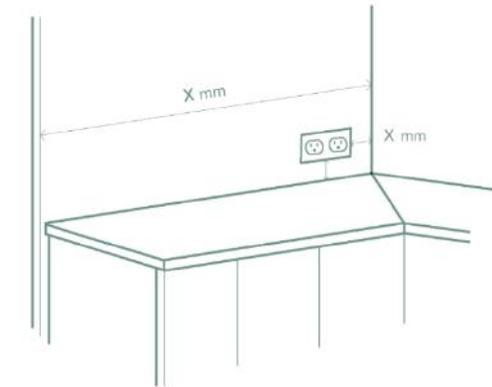
## Step 2: Measuring

Ensure that all measurements are taken with precision. Protect the AluSplash panel and place it face down on a clean surface. Once you have your measurements, you can record them on the backside of the panel, using masking tape to mark out the location of any plug points on the wall.

Measure the distance between the top of the worktop and the bottom of the upper cabinets. Next, measure the distance from one wall to the other wall (See diagram below).

Ensure that a minimum setback distance of 30mm or 1.18" is maintained between the panel and the edge of the cooktop, as well as keeping a 1.5mm gap for expansion if the panel has cabinets above the splashback panel, or if two panels are joined together.

**TOP TIP! Measure twice, cut once.**



### Step 3: Cutting

Work on the reverse side of the panel which you marked BACK in Step 1. Cut and fit your panel just like a wooden board. Use a drill or a hole saw followed by a jigsaw to cut out the hole for the power socket.

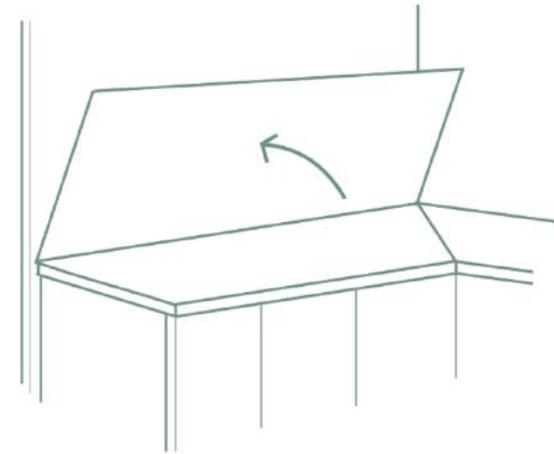
**TOP TIP! Use an aluminium blade to ensure a precise clean cut.**



### Step 4: Dry-fit

Apply the panel against the wall without using any adhesive to test its positioning. Use a glazier's suction cup to assist with handling. Once satisfied remove the protection film on the side of the panel that will face the wall (reverse side).

AluSplash Panels are usually coated with two different colours on either side of the panel. It is important to know which is the right side that will face out and which side will face the wall. Do not remove the film from the decorated side which will face out at this stage. Only remove the film on the reverse side of the panel that will be stuck against the wall. Remember to leave a 1.5mm (0.06") gap if using the Butt Joint Method.

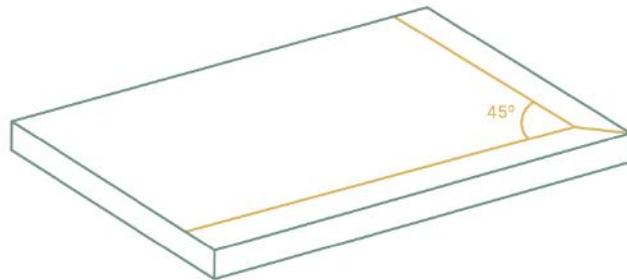


### Step 5: Joining

If you are joining two panels together, check that you are happy with the joining of the panels against the wall during your dry fit process. If you require a joining strip, there are two ways of joining the panels together; either attach the joining strip to the panels when off the wall to create one panel, or attach it to the panel when off the wall and slide it behind the other once fitted.

### Step 6: Edge Profile

Edge profiles add a finishing touch to the panels. Make sure you remove the protective film and mark the position of the mitres required for a cut line at  $45^{\circ}$ . Use a circular saw to cut the profiles before you attach them to the BACK of the panel.

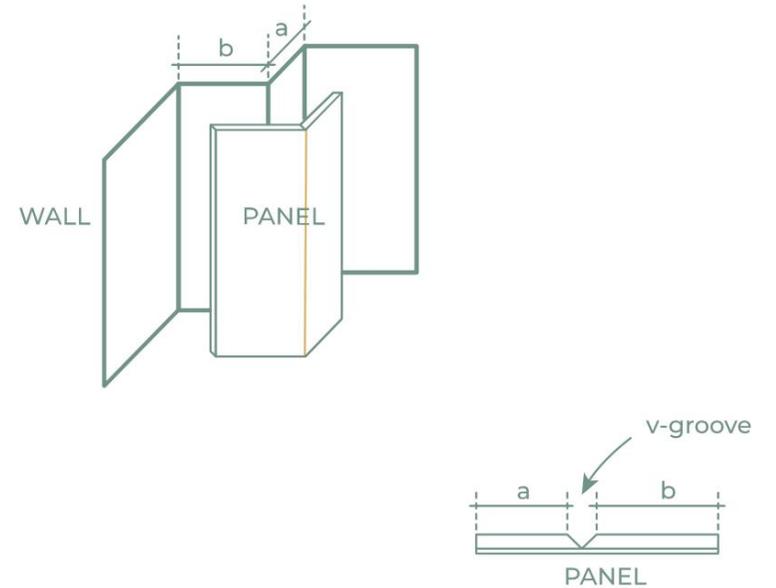


### Step 7: Boxing

There are two different types of boxing you can create with AluSplash:

1. **Seamless:** For a seamless boxing finish, you will need to v-groove the panel (please see the Routing & Folding section for more information). Make sure you apply tape to one side and silicone to the other. When setting the panel, remember to use packers to allow for expansion.

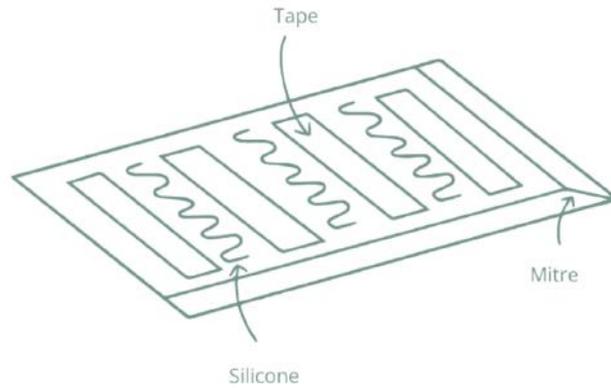
2. **Trimmed:** Attach the panels to the external trim, silicone both sides of the boxing and slide the panels into place. When setting the panels, remember to use packers to allow for expansion.



**Step 8:  
Fitting the Panel**

When fitting the Alusplash panel, ensure the wall is clean. Measure and mark two 5mm lines on all visible edges, and then mark 400mm across the panel where you will apply the double- sided VHB tape. Next, apply a neutral cure silicone adhesive with a caulking gun in a zigzag pattern between the strips of double- sided tapes.

**TOP TIP! When setting the panel, always remember to use packers to allow for expansion**



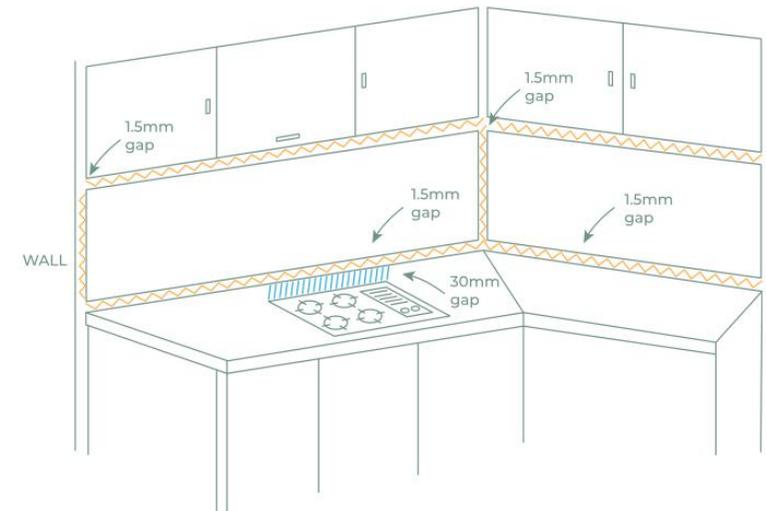
**Step 9:  
Completion**

Apply the panel against the wall, then peel away the protective film. Do not use excessive force while peeling away the protective film, as it may shift the installed panel. When the installation is complete, add any sockets back in place, remove the packers and clean the work surface.

Once the film is removed from the FACE of the panel, apply masking tape around the 1.5mm gaps where the silicon is to be filled to ensure a clean finish.

Apply silicon into the 1.5mm gaps between the panels, overhead cabinets and any benchtops to avoid water infiltration. It is very important to ensure the edges are sealed with silicon and are not left exposed to water or steam. Failure to comply may cause the panel to delaminate and void the warranty.

After the film has been removed, it is recommended that all AluSplash panels should be protected with Vuplex® spray and wiped clean, using a microfibre cloth.





Follow us: @Alusplash



For more information visit  
[www.alusplash.com](http://www.alusplash.com)