AluSplash®

Add a splash of colour to your home



Installation Manual



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Important Information

To achieve optimum product performance and compliance, 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

When joining 2 or more panels next to one another, 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.

02

Always inspect the panels upon delivery prior to installation. Inspect the panel 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 required usable area. Installation of damaged sheets will not be covered under the warranty.

03

AluSplash Splashback Panels comply with International Fire Standards to meet the highest fire safety regulations.

The Panels are tested in accordance to:

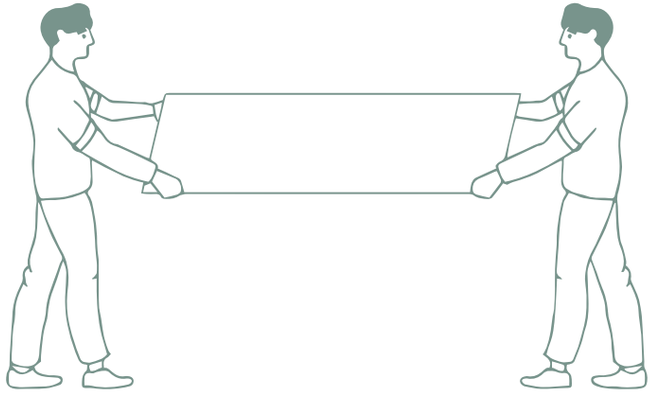
BS 476, Part 6 & 7, (British Standard)
EN-13501-1 (European Union)
ASTM E84

04

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

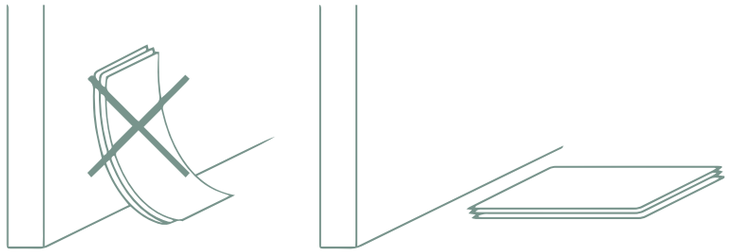
05

A 2 man lift or mechanical assistance is required when lifting and moving AluSplash Panels around. Always lift the panels in a vertical direction to avoid buckling of the panel. Glazier's suction cups are recommended to assist with the lifting and moving of the panels safely.



06

Always transport AluSplash Panels horizontally on a solid pallet that supports the entire length of the panel. Multiple Sheets should be transported with the decorative faces together.



07

AluSplash Panels can be fabricated easily with normal wood working tools. Allowance of a 1.5mm gap on each side is required for silicon sealing and thermal expansion if the butt joint installation method is being used.

08

AluSplash Splashback Panels have a protection film to protect the coated surface from any damage. The film is marked with arrows indicating the direction of installation, therefore all panels must be installed in the same direction to avoid visual colour or gloss variation. The protective film should not be removed during fabrication or installation. Only remove the protection film after all works to install the panels are complete.



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 to be void.

DO's	DONT's
The panel surface must be cleaned regularly with lukewarm water and a micro fibre cloth only.	Metal pot scrubbing pads or any other abrasive cleaners should not be used on the panel surface. Avoid cleaning the surface with kitchen paper rolls as they can also cause micro scratching.
For added protection and to enhance the life of your AluSplash panels, we highly recommend protecting the panel surface with Vuplex for High Gloss finishes and Matte Maxx for matte finishes to prevent the panel surface from any micro-scratching or buildup of dirt and grime.	Do not use acidic, caustic or abrasive cleaning detergents or materials to clean the panel surface.
For stubborn stains you may use a mild detergent to gently clean the panel surface with a micro fibre cloth only.	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. We also recommend that you use 3M VHB double-sided tape 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.

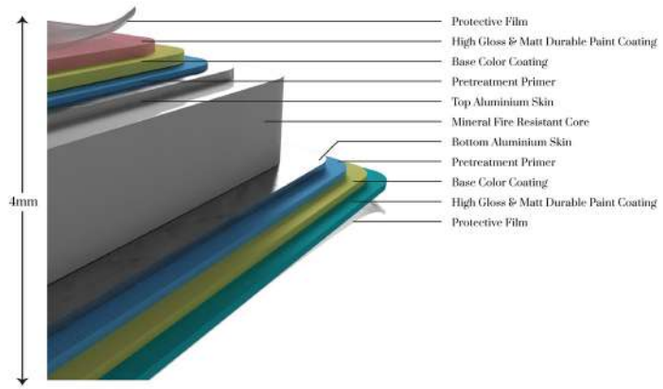
Product Composition

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.
Please note: visual inspection of panels sheets must be carried out from a two-metre distance, with the panel being placed vertically on or against a wall.

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

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

Tools & Materials required for Installation

- Recommended Cutting & Routing Tools:
- Circular saw (using an aluminium cutting blade)
- Hand held Aluminium Routing Machine (Recommended Festool PF 1200)
- Jigsaw (using an aluminium cutting blade)
- Hole saw or Drill (using HSS drill bits)

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 Silicone Adhesive
- Silicon Gun
- Metal File
- VHB Double Side Tape
- 3mm packers
- Metal seam roller- for rolled over edge finish



Sheet Inspection

It is important to inspect the panels prior to installation for damages that could have been caused during transportation or handling. Do not install damaged sheets unless the damaged section can be removed.

Always check the protective film on the decorated surface for any drag marks or deep scratches that may have penetrated onto the coated surface. If any visible damages are evident on the decorated surface of the panel upon delivery, do not use the panel and contact the distributor or retailer from where the panel was purchased from.



9 Easy steps to the perfect installation

To achieve optimum product performance and compliance, 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.

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.



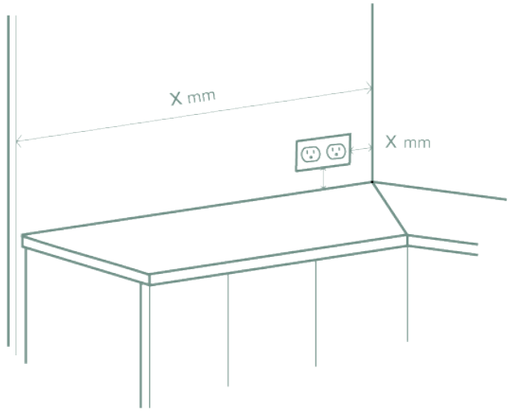
Step 2: Measuring

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.

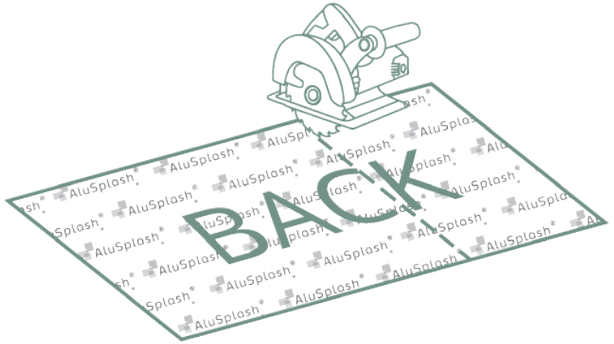
TOP TIP! Measure twice, cut once.



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.

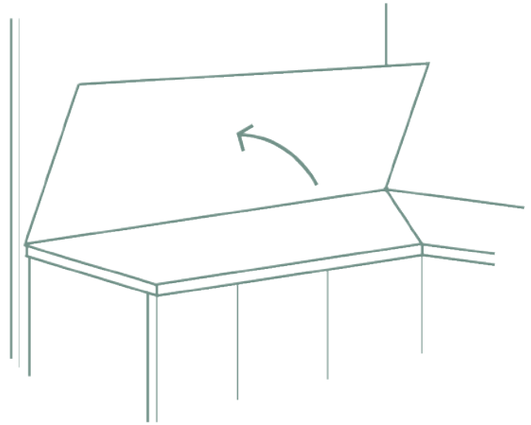
TOP TIP! Use an aluminium blade to ensure a precise clean cut.



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.

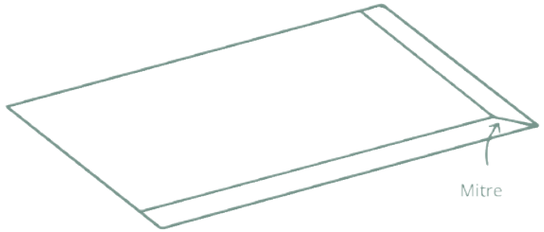


Step 5: Joining

If you are joining two panels together, check that you are happy with the join 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. 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:

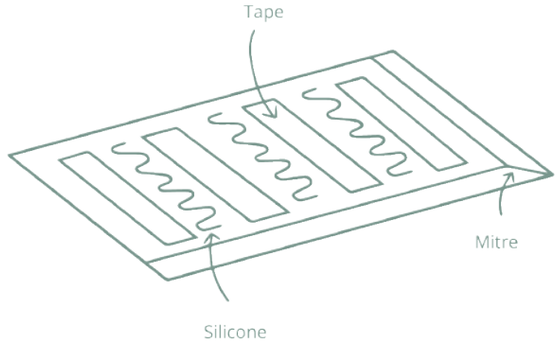
1. Seamless: For a seamless boxing finish, you will need to v-groove the panel (please see the Routing & Folding section for more information). Make sure you apply tape to one side and silicone to the other. When setting the panel, remember to use packers to allow for expansion.

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

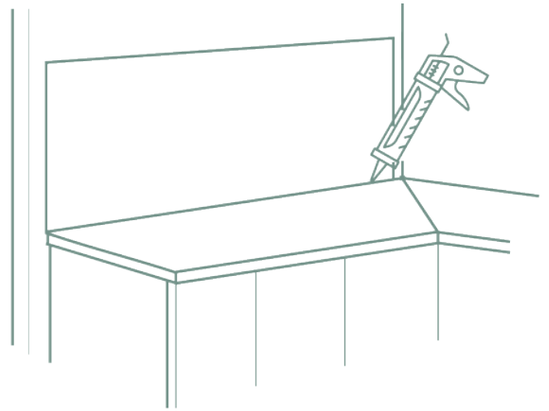


Step 9: Completion

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 edges 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.

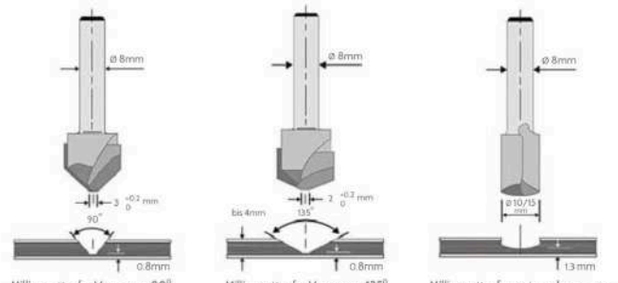




Routing & Folding

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



Top tips!

To achieve optimum product performance and compliance, 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 remember the 1.5mm expansion gap and the use of packers.

Not leaving a sufficient expansion gap could cause the panel to bow, however, this does not apply to joins. Once correctly joined the panels become one.

02

ALWAYS measure twice, cut once.

Double-check your measurements! As you're working on the back of the panel it can become confusing.

03

ALWAYS work on the back of the Alusplash Panel.

Working on the back of the panel will create "clean"
cuts on the face. It will also prevent any surface scratching during fitting.

04

ALWAYS dry fit the panels and check the fit.

We always encourage "dry fitting". This will allow you to clearly check your work before the final installation.

05

ALWAYS use the right kit & ensure you wear the correct PPE.
Using the correct tools will ensure a clean finish. Make sure you wear the correct PPE throughout the installation.

To find out where you can buy AluSplash, please visit www.alusplash.com

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