



Panel Coating Information

Depending on the area of installation we do recommend some form of coating on all our metal products as Pressed Tin Panels® aluminium, copper, brass & galvanised products are pressed in mill grade sheeting, therefore they are non-ferrous and surface scratching may be present. Despite this, the panels can be left unpainted if desired.

Painting Aluminium or Galvanised panels

All our *aluminium* products (except the Cornice Mounting Strip) are treated with a non-chromate treatment which prepares the surface for subsequent priming and painting or powder coating.

Pressed Tin Panels® *galvanised* products do not go through the acid etch cleaning process. If you purchase Pressed Tin Panels® uncoated galvanised products you will require a metal etch primer specific to galvanised metal prior to any form of coating be it powder coating or painting. Ask your local powder coater about this prior to getting your galvanised panels coated.

Be sure that the paint and the primer are compatible, i.e. both water or oil based, or topcoat enamel over water-based primer. Panels can be sprayed, brushed, or rolled to achieve the desired coverage. This form of coating is recommended for panels installed on ceilings, feature walls, exterior areas or anywhere that is not in a high traffic or hard weather area.

Clear Coating Copper & Brass Panels

More so than the aluminium panels, copper/brass panels are also 'nonferrous' and in addition to fat, oils, grease, fingerprints, soap scum & water, exposure to air alone will cause the copper panels to naturally discolour or 'patina' over time. All our Copper/Brass products are PE Coated (which is a protective coating). We recommend our products are installed within a month of receiving them, and the coating is removed after installing.

While we don't recommend using unprotected or 'raw' aluminium, copper, brass or galvanised panels as a kitchen splashback or within other wet areas (shower recess, laundry etc), we certainly understand the desire to retain the raw 'metal-look'. A clear powder coat is often available through powder coating businesses. Unfortunately, our powder coaters cannot provide that option for you. Our recommendation is to discuss clear coating with your local powder coater.

Another form of protective coating for the **aluminium, galvanised or copper/brass** panels is a DIY spray or brush-on clear guard, that is suitable to these metals. These coatings are a tough, protective coating formulated to effectively seal non-ferrous metal surfaces, stopping corrosion and tarnishing.

There are many brands of metal-suitable clear coat available, however a couple in which we have had experience with are the White Knight & Wattyl brands of clear guard and lacquer finishes.

To use these products on our panels we recommend cleaning off any finger prints/marks with methylated spirits or specially formulated aluminium, galvanised or copper/brass cleaner (contact us for more information). Then simply follow the instructions of your selected product.



NB: For copper/brass panels we highly recommend wearing cotton gloves when handling panels if PE coating is removed.

Powder Coat

Our most recommended finish for using **aluminium** or **galvanised** panels in a *splashback**, high traffic or hard weather situation is powder coating. *Kitchen, laundry, vanity, shower recess etc.

The aluminium and galvanised panels in their raw state are 'non-ferrous' and will therefore absorb fat, oils, grease (even fingerprints), plus soap scum & water marks.

Whilst **aluminium** and **galvanised** panels will not rust, over time these absorbed elements will change the look of the panels and are difficult to clean. We therefore recommend a protective coating be applied to the panels. Powder coating ensures protection of the metal against fats, oils, grease, soap scum and moisture. It is an affordable, long lasting, and durable coating. It also covers 100% of any surface scratches that may be present as a result of manufacturing & handling**.

When panels are powder coated and installed as per our installation guides, they are suitable for use behind cook tops and heaters, are very easy to clean and provide a completely waterproof splashback area. We are proud to be able to recommend and supply panels finished with Dulux, Interpon & Oxy Tech brands of powder coating. There are many colour choices including metallic silver, which have been a good compromise for other clients who are keen on a raw 'metal-look' but want the ease and peace of mind the powder coating brings.

Call us or email for a powder coat sample: samples@pressedtinpanels.com

NB. Some paints and other coatings may do a similar job however we are not paint specialists and information on other coatings would need to be gained by you independently.

CARE & MAINTENANCE To retain the finish on your Powder Coated Splashback, do not use any abrasive cleaners or scourers. Options to consider are hot soapy water or hot water and Metho or Eucalyptus oil with a Micro-fibre cloth. Alternative options are Sugar Soap diluted or a Shower Windex, simply wipe over the area regularly, also using a micro fibre cloth and it will look great for years to come.

Other Things to Consider:

-For an even brighter metal look, prior to clear coating you can **polish** aluminium, galvanised, brass or copper panels. Please contact us for our separate polishing information guide.

-Whilst a lot of our patterns are 'bi-directional' (can be installed horizontal or vertical and will still pattern match), the panels do have a 'grain' so will therefore show a different 'colour' when two panels are installed or placed together with their grains running in different directions.

-Our aluminium products are acid washed (making them etch primed ready for painting) this however may make one panel appear slightly different in colour to another if the panels were washed in different batches (this is simply due to changes in chemical composition between washing batches)

-Our galvanised, brass and copper products are un-etched. To coat galvanised panels a metal etch primer is required prior to top coating.

-Please bear in mind this information is a guide only, we have had many clients experiment with applying different coatings and even oils directly onto the aluminium and galvanised panels to form a protective barrier.

**Unavoidable surface scratching will appear on the panels from handling during the manufacturing process. Applying a clear coat will protect the panels from forementioned substances, however, will not cover scratches. Polishing is an option here, however while polishing will not completely remove all the surface scratches, the overall appearance of them is significantly reduced. Please contact us for our separate polishing information guide.

If you need more information on this or anything else, please contact us directly or your store of purchase.

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You can also refer to our FAQ section on our website: www.pressedtinpanels.com