



EMILY  
ZiZ

# DIGITAL PRINTS FOR SOLID FINISHES

## SUBSTRATE GUIDE

ANY DESIGN | ANY SUBSTRATE | PRINTED

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# CAPABILITIES

We are able to supply our digital prints, or custom designs, on a large range of solid finishes, for both functional and decorative use. The substrates we can print on are not limited to those that are detailed in this document, however, we have highlighted products that are most frequently specified by our clients for commercial interiors and architectural projects.

For the most part we are able to apply prints to any product that is smooth and flat, and up to a maximum size of 2400mm high x 1200mm wide in a single pass. Multiple panels can be matched together with pin point accuracy.

Our Printers can print directly onto the straight edges/sides of panels up to 100mm deep, allowing the design to be visible on all surfaces of the printed substrate.

Textured 3D printing is also available, enabling the printed surface to be tactile and to achieve a realistic appearance.

Braille printing, onto virtually any surface, for the visually impaired is also possible.

All printed products will be supplied cut to size and design as per the requirements of your specific project.

We offer an in-house graphics service to reproduce your ideas into a printable format.



# PRINTS THAT LAST

The most common question we are asked regarding the prints onto the solid finishes is: “How will the print perform and how long will the colour last?”

The printers of our UV cured printed materials have subjected their printed products to numerous tests across multiple substrates, consistently achieving positive results .

Formal scratch testing has put the printed product on par with standard laminate products. This includes surfaces being used as table tops/ in a horizontal application in a high traffic area, as long as the product is treated with the Polyurethane clear coat that we offer (matt and gloss options are available). We refer to this coat as the “Anti Graffiti Treatment”.

Ink adhesion has been tested in accordance wth Standard IO 2409:2013.

The colour of the print is not expected to change or deteriorate over an extended period of time.

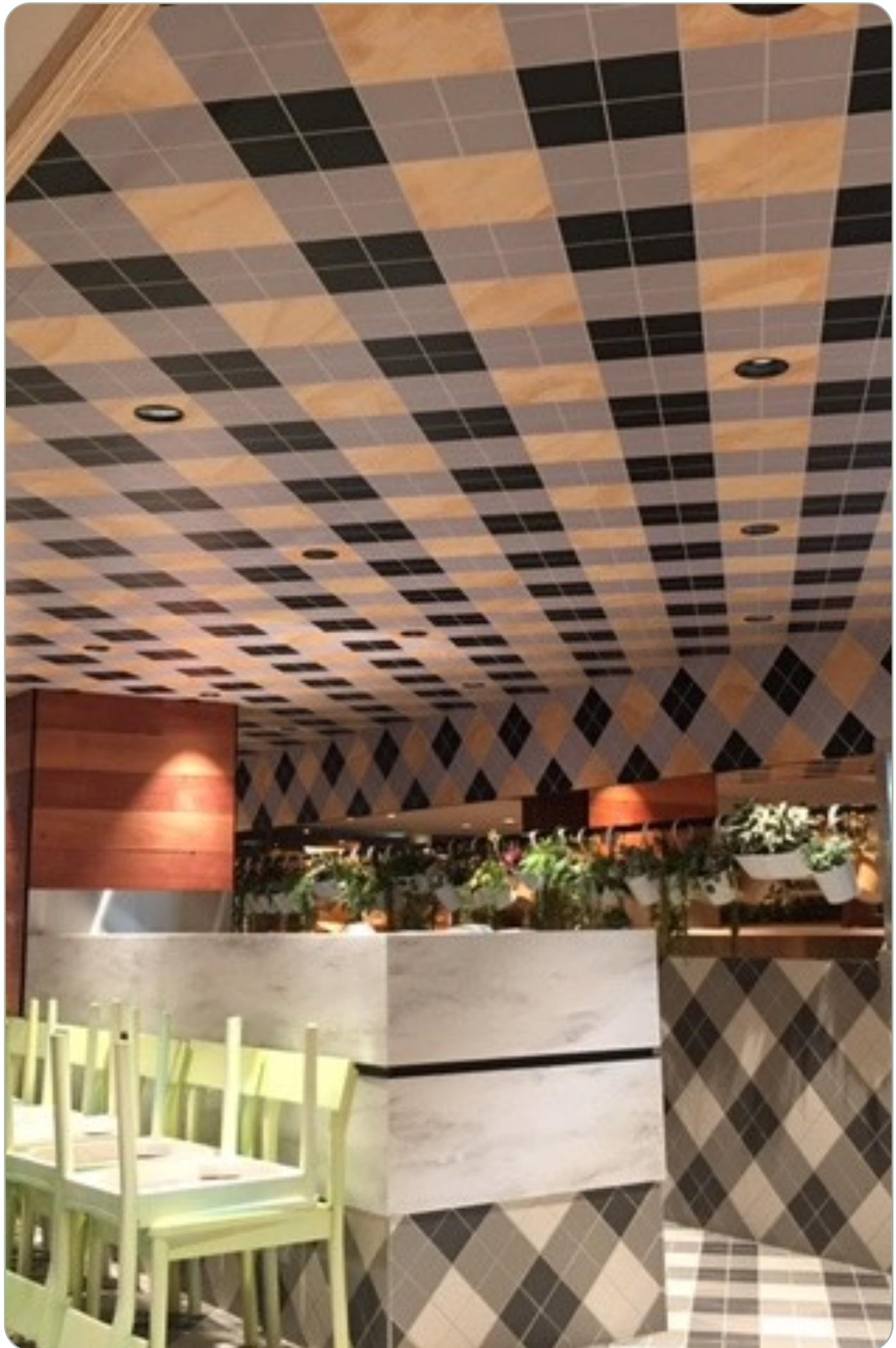
Upon request we can supply you with all of the documentation relating to the protective coating etc.



# COMPACT LAMINATE

We are able to supply our catalogue of prints, and custom designs, on both Multipurpose Laminex Compact Laminate, as well as the Alfresco Compact Laminate. The printed product, when treated with the heavy duty protective coating, can be used both horizontally and vertically with excellent scratch, wear and impact resistance. The product is suitable for partitions, benches and table tops, while the Alfresco product can be used outdoors on a permanent basis due to the inbuilt superior moisture, wear and weather resistance.

The laminate sheets can be supplied printed up to the full sheet size of 2.4m tall x 1.2m wide, or the sheets can be cut to the shape and size as required by the project. We can supply all standard thicknesses of the product and the edges can be left raw, or finished with one of the standard laminate edging options.

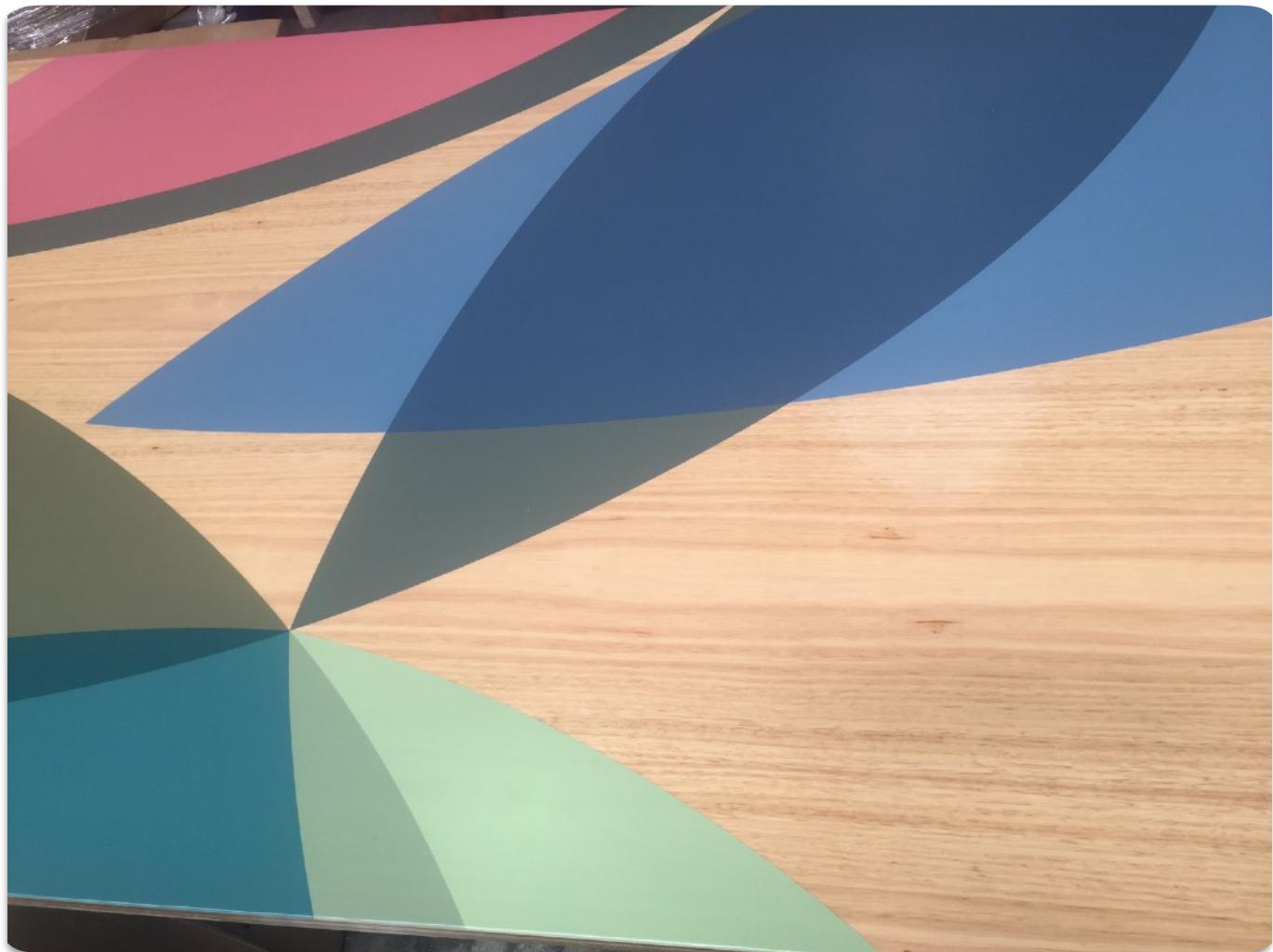


# PLYWOOD

We can print and supply various timber products for your project. The most commonly specified printed timber is Plywood and we can print on both interior and marine grade wood. Top quality furniture grade timber is used and clients can specify a particular brand of timber product if they wish. We can print on all standard thickness of product available and up to the maximum sheet size of 2.4m tall x 1.2m wide, or cut to the shape and size as required by the project. Standard edging options are also available.

Typically for prints onto timber, any areas with white in the design remain unprinted, so that the natural feature of the wood shows through. However, full print coverage can be achieved if required,

The printed products can be left uncoated if being used on ceilings or vertically, and the heavy duty protective top coat can be applied for horizontal and table top use.



# MDF & OTHER TIMBERS VENEERS

Prints can be applied to various timber products including MDF, as well as timber veneers. We can print on all standard thickness of product available and up to the maximum sheet size of 2.4m tall x 1.2m wide, or cut to the shape and size as required by the project.

These products can be used for wall or ceiling cladding, as well as joinery projects.



# ALUMINIUM COMPOSITE

Prints can be onto aluminium composite products, such as Alucobond. This product works well when the printed substrate needs to wrap around bends and corners. It is an exterior suitable product, and hence works well in wet areas, and the printed substrate can be treated with an exterior UV protective, anti graffiti protective top coat.

Prints can be supplied up to the full sheet size or cut to size as required by the project. Where multiple panels connect to one another the artwork is set up to allow for the seamless installation of the pattern to enable the panels to pattern match.

We can print on most aluminium composite brands. Please let us know if there is a specific brand that you would like to specify.



# PVC PLASTIC BOARD

This versatile substrate produces great print results and is a good option for suitable projects which are budget sensitive.

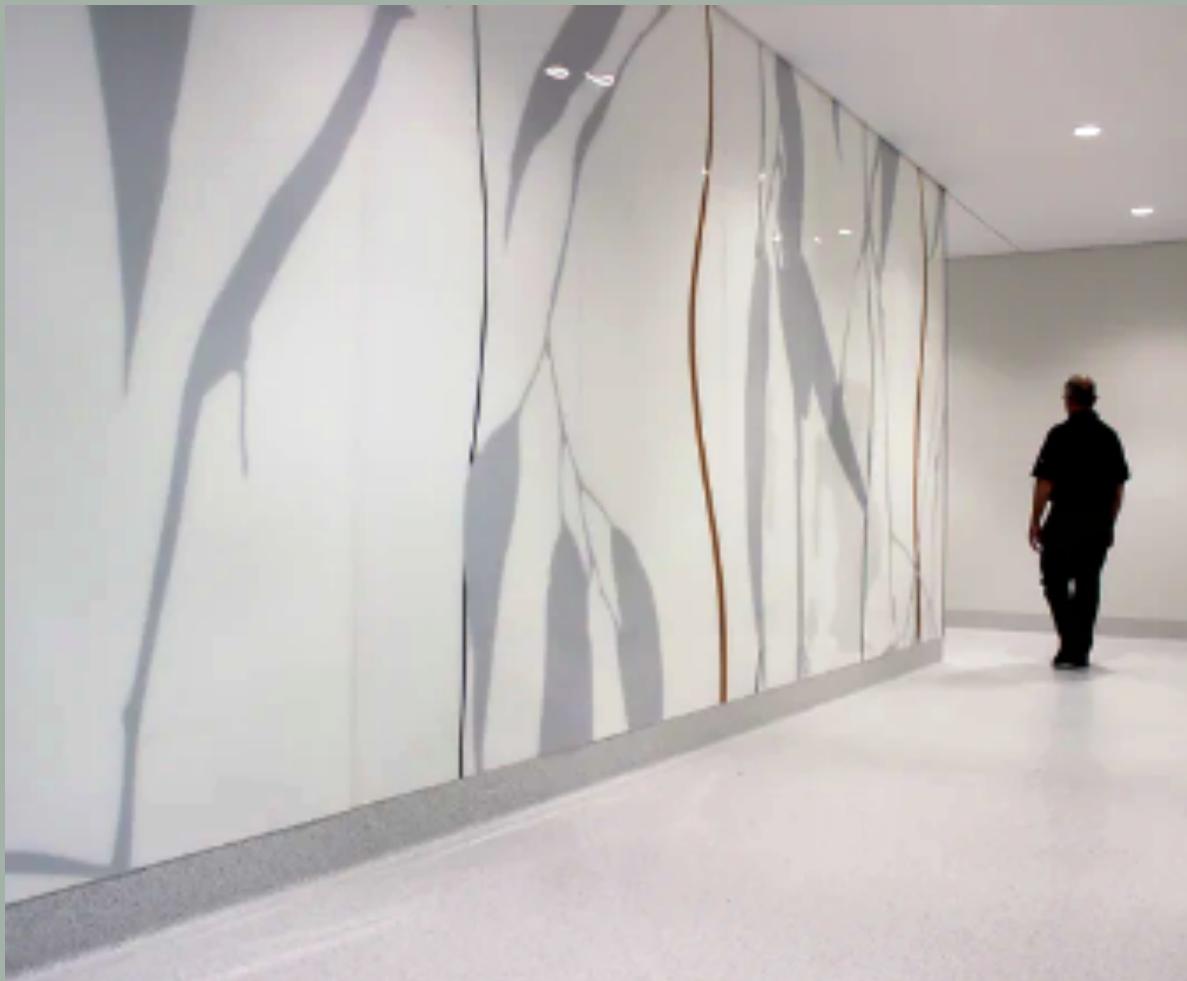
Prints onto plastic board have been supplied for scenarios where the authentic product exceeds the project budget, For example, printed wood grains and timbers - the printed product looks like the real thing, though at a fraction of the cost!

This product is used for cladding of walls and reception desks as well as table tops .

# ACRYLIC

Prints on acrylic can be supplied in various forms. We can produce an opaque finish where no show through of light is required, or we can print on frosted and translucent acrylic where the project calls for some light to pass through.

Acrylic is a suitable option for both wall and ceiling cladding and also an alternative consideration for splash backs (to be used in place of glass).



# OSB BOARD

Prints on OSB Board (Oriented Strand Board) is a good option for projects with lower budgets as well as for design schemes that would like a moire rustic look and feel.





# GLASS

Designs can be printed onto glass either on the front side of the glass, or on the reverse for splash backs. Toughened star fire glass is used as standard, however, we can print on most glass sheets and types available as required by your project.

The glass sheets are cut to size based on shop drawings and plans supplied, and cut outs for GPO's and other requirements are also accounted for. Where multiple panels connect to one another the artwork is set up to allow for the seamless installation of the pattern to enable the panels to pattern match.

# LOW COST ALTERNATIVES

As our Printers are able to print life like looking natural textures such as wood grains, steel, concrete, stone and other designs onto most surfaces, this enables our clients to incorporate solutions into their designs and schemes that would otherwise be costly to manufacture and install.

Imagine a 2400mm solid timber beam only weighing around 1kg?! Below is an example of a timber design printed directly onto a light weight balsa wood. This offers a low cost alternative to many internal structural projects.





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