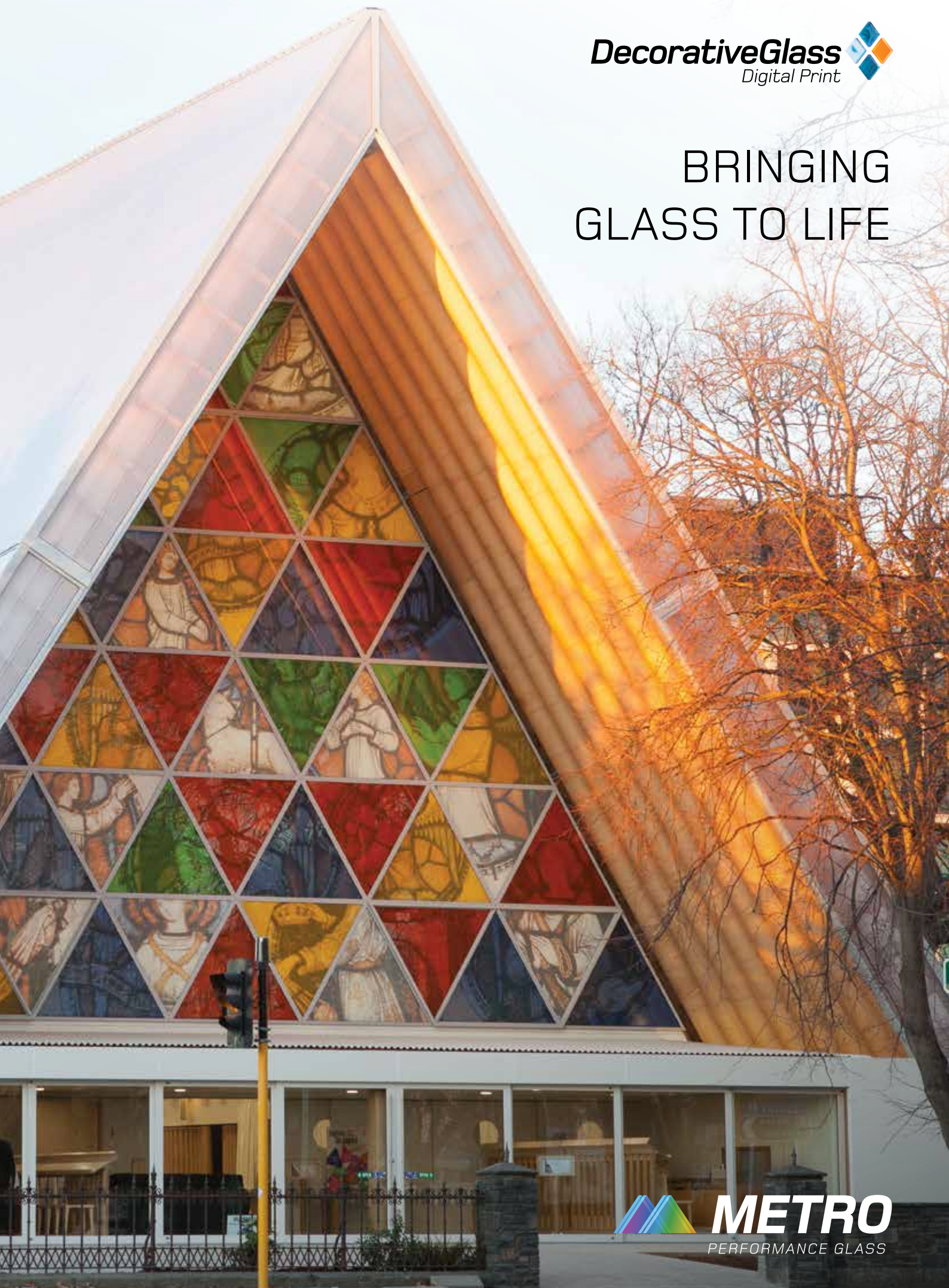


BRINGING GLASS TO LIFE



GLASS THAT
WILL MAKE A
STATEMENT





METRO PERFORMANCE GLASS DIGITAL PRINTING.

At last there is a durable, accurate and flexible on-glass design solution for architects and designers who were previously frustrated by the limitations and costs of screen-printing.

Metro Performance Glass' on-glass digital printing uses advanced GlassJet™ technology for industrial direct on-glass printing. By using specifically formulated ceramic inks (frits), extreme durability is achieved while providing designers with the ultimate design expression.

This expands our range of decorative glass products and is suitable for most glass applications, including interior and exterior architectural glass, automotive, marine, appliances, furniture and artwork.







POINT RESOLUTION FOOTBRIDGE

AN EXISTING BRIDGE, BUILT IN THE 1930'S WAS SUFFERING STRUCTURAL FATIGUE. AND WITH THE IMMINENT ELECTRIFICATION OF AUCKLAND'S RAIL NETWORK, THE BRIDGE NEEDED TO BE RAISED.

The new contemporary Point Resolution Bridge, designed by architects Warren & Mahoney, was conceived as a series of three sculptured arches, in turn supporting and cradling a pedestrian deck. The laminated glass balustrade above the deck consists of over 100 panels with a White Digitally Printed, seamless rippling water pattern to acknowledge Point Resolutions' significance to local iwi. The local Maori artist, Henriata Nicholas, designed the custom pattern, speaking of movement and water which is also engraved into the concrete beam.



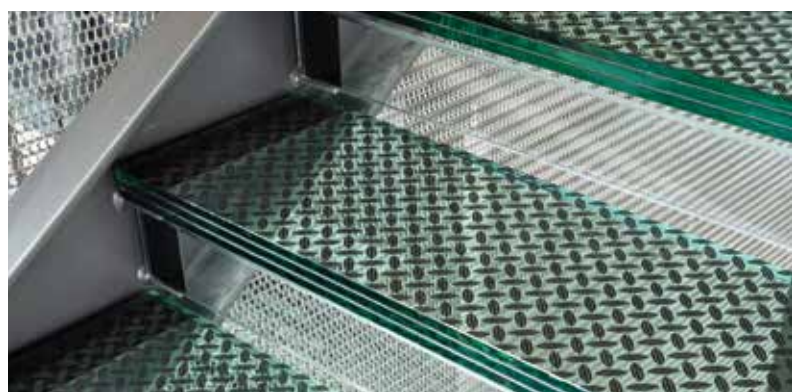


BRICK STREET OFFICE

THESE GLASS DOORS
GRAPHICALLY DEMONSTRATE
THE LEVEL OF ACCURACY
AVAILABLE WITH A METRO
PERFORMANCE GLASS PROJECT.

This 'Lunch atop a skyscraper' image matches perfectly across the doors and side panels. For added effect, the door hardware is powder coated black to match the image.

The image of the stair treads is a further example of the innovative use of our printing technology, creating a grip tread on glass!





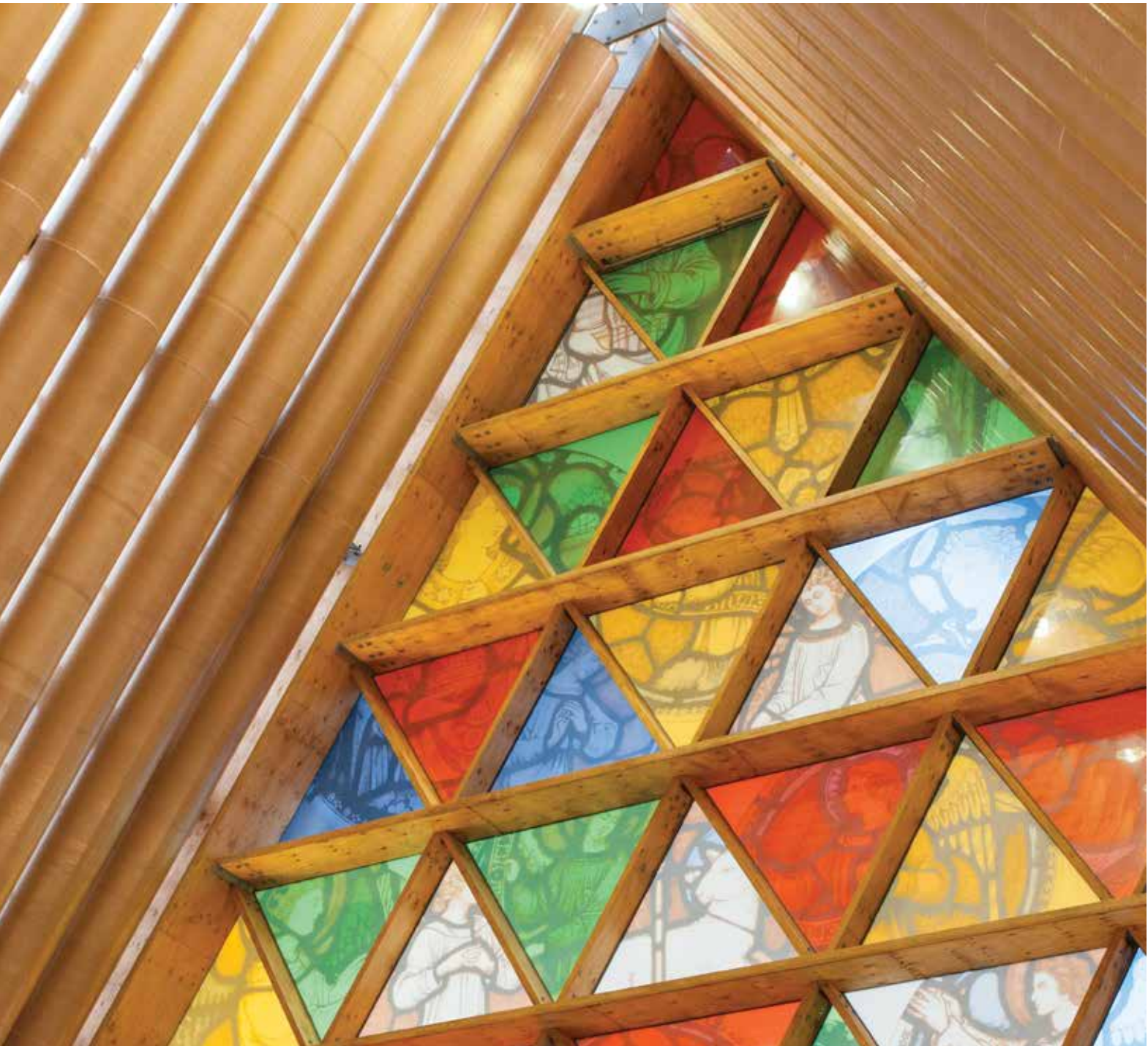


UNIVERSITY OF CANTERBURY JOHN BRITTEN BUILDING

THIS BUILDING HAS BEEN CREATED
TO BE A GLOBALLY RECOGNISED
INNOVATION CENTRE.

The digitally printed toughened glass external screen is an integral part of the building's advanced management system. The barcode pattern was designed by the architects to provide privacy and was faithfully reproduced by Metro Performance Glass.





“CARDBOARD”
CATHEDRAL





ONE OF THE FIRST PROJECTS UTILISING FULL-COLOUR IMAGERY ON A GRAND SCALE.

Christchurch's Transitional, Cardboard Cathedral boasts 49 individual panels, each showing imagery from the Rose window of the original Cathedral, lost in the devastating Earthquake of 2011.







FORTY EIGHT PANELS OF PRINTED GLASS SHEATH THE EXTERNAL WALLS OF THIS MALL IN DUNEDIN.

The printed design, which references the building's past, had to allow plenty of natural light through to first floor offices, while still delivering an eye catching experience.

The result has been a design triumph, during the day and at night, when the panels are backlit.



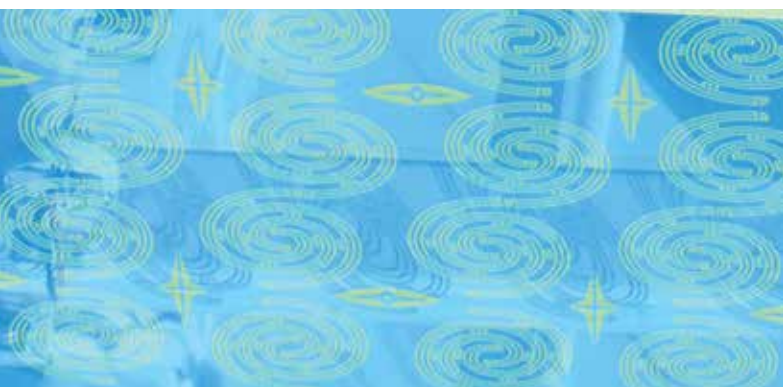


PAPAKURA LIBRARY

THIS GLASS CANOPY INCORPORATES A
UNIQUE KOWHAIWHAI DESIGN WITH A
KERERU FLYING THROUGH THE FOREST.

It's an intricate artwork that had to flow seamlessly across
several panes of glass, requiring skilled planning and installation
for a successful outcome.

The graphics were printed on 13.5mm toughened, laminated
safety glass and our exclusive stainless steel 'spider' fittings
secured the panes in place.





LAMBTON SQUARE

A REFRESHING RETAIL SPACE IN WELLINGTON.

Each fin appears to have diminishing bubbles, climbing up, and falling down leaving a clean, clear section to peer through.

Those close-up are however rewarded further, as each bubble is also composed of thousands of more bubbles within.







OTARA LINKAGE CANOPIES

A WORK OF ART IN THE OTARA
TOWN CENTRE.

Toughened laminate safety glass was brought to life with artwork by John Tootill digitally printed to the glass, creating a beautiful walk through space in Otara Town Centre.





151 CAMBRIDGE TERRACE

CONNECTING THE CITYSCAPE TO THE AVON RIVER.

151 Cambridge Terrace is located parallel to the Avon River in Christchurch and strongly influenced the design of the building. The glass facade has been designed to mimic the curves of the river with floor to ceiling glazing. The laminated glass fins have been digitally printed in tiny aqua coloured tear drops, alternating in and out in size to provide a soft fade at head height.









METRO PERFORMANCE GLASS Highbrook

WHERE DESIGN MEETS
INSPIRATION, TECHNOLOGY
AND MANUFACTURING.

A high performance, innovative and decorative office façade for Metro Performance Glass' new purpose built factory and offices. The Low E double glazing features a mix of digitally printed and reflective glass with frit patterning illustrating the blue print of the factory install.







THE PERFECT PALETTE

METRO PERFORMANCE GLASS
DIGITAL PRINTING OFFERS
DEEP DURABLE COLOUR FOR
ANY DESIGNER LOOKING FOR
AN INNOVATIVE DECORATIVE
SOLUTION.

Possible applications include:

- Building façades
- Spandrel panels
- Sun screens
- Balustrades, screens and fences
- Automotive
- Marine
- Glass shower enclosures
- Table tops

- Splashbacks
- Internal glass partitioning
- Decorative panels
- Appliances
- Furniture
- Artwork
- Displays
- Any application requiring creativity with glass.



TECHNICAL INFORMATION

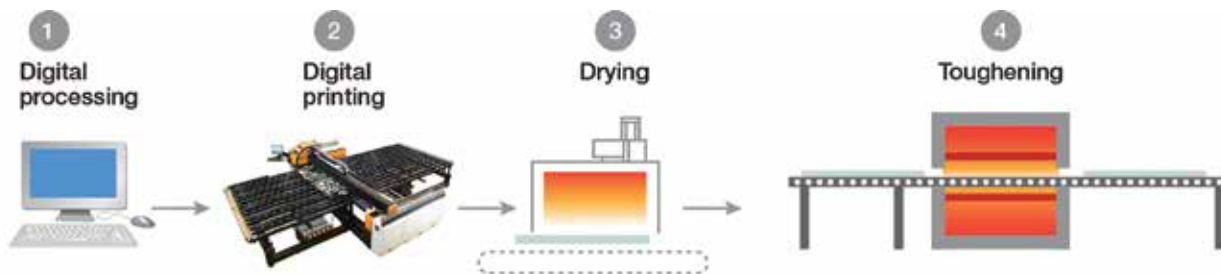
ON-GLASS DIGITAL PRINTING IS PART OF THE DECORATIVE GLASS RANGE MANUFACTURED BY METRO PERFORMANCE GLASS.

Our GlassJet printers use specifically formulated ceramic inks (frits) for extreme durability that expands the possibilities for designers, artists and their customers. GlassJet is an industrial direct on-glass digital printer, with a versatile flatbed design, which overcomes the limitations of screen-printing.



Features & Benefits

- Durability**
 Ceramic inks are fused onto the glass during the toughening process, resisting UV light, extreme hot and cold weather, bumps and scratching.
- Lifelike reproduction**
 Hi resolution, full colour, sepia, mono or graphic reproduction of images (up to 720dpi).
- Protection against harsh sun & light conditions**
 On glass digital printing effects can provide privacy, glare and solar control along with reduced weight and maintenance making glass ideal for building envelopes.
- Safety**
 Optional anti-slip, tough, wear resistant surface whether wet or dry conditions.
- Creativity**
 Virtually limitless range of options.
- Digital Processing**
 Authentic colour reproduction and ability to match existing glass panels if needed.
- Green friendly**
 Non-toxic inks and recyclable glass.



Specifications

- Print resolution 720dpi (real).
- High durability DIP Spectrum ceramic ink.
- Multi-colour printer.
- Ten year warranty for colour fastness and adhesion.
- Maximum glass size 6000mm x 2800mm (may vary with glass thickness and other manufacturing constraints).
- Minimum glass size 200mm x 200mm.
- Glass thickness 4–19mm.
- Can be tiled for jobs spanning multiple panes.

All popular Image formats accepted including:

- + Autodesk AutoCAD: dxf, dwg
- + Adobe Illustrator: ai, eps, pdf
- + Adobe Photoshop: bmp, tiff, jpg

Metro Performance Glass uses only non-toxic ceramic inks, due to this bright reds and purples can be more difficult to achieve. Please contact us to discuss your colour queries.



0800 545 800
www.metroglass.co.nz

