Access a New Level of Digital Architectural Glass

Top architects worldwide already use Dip-Tech printed glass.

www.dip-tech.com/Project_Gallery

ABOUT DIP-TECH

Dip-Tech is the world’s leading provider of digital in-glass printing solutions that combine the durability of ceramic inks with the versatility and quality of digital printing. Dip-Tech provides an unmatched and field-proven solution for all exterior and interior glass printing applications. With a single solution, Dip-Tech helps architects express their artistic vision in façades, curtain walls, windows, dividers, and other glass elements and also meet the full range of functional requirements and sustainable architecture goals.

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ABOUT G.JAMES

G.James is Australia’s leading secondary glass processor with state of the art manufacturing facilities located in Brisbane, Sydney and Melbourne. G.James has the capability to service the demand of glass projects of any scale. After almost 100 years, G.James continues to strengthen their position as the supplier of choice for many of Australia’s leading glass and aluminium projects.

Queensland
G.James Safety Glass (Qld) Pty. Ltd
1007 Kingsford Smith Drive,
Eagle Farm QLD 4009
Telephone: 07 3877 2866
Facsimile: 07 3877 2295

Victoria
G.James Safety Glass Pty Ltd
217 Rex Road,
Campbellfield VIC 3601
Telephone: 03 9219 2000
Facsimile: 03 9219 2099

New South Wales
G.James Safety Glass Pty Ltd
26 Long Street
Smithfield NSW 2164
Telephone: 02 9732 2111
Facsimile: 02 9732 2199

www.gjamesglass.com
Design Freedom and Functionality Control

The latest innovations in glass printing technology open new opportunities to combine boundless creativity with highly controlled functionality. Full expression of vision and outstanding budget-smart performance delivery are now possible with digital ceramic in-glass printing.

- Easy implementation
  Of any pattern or design, with unlimited colours, and high resolution for fine details.

- Durability and accuracy
  Inks are fused into the glass, providing unmatched resistance to scratching, acid, UV light and weather. Precise micro-drop printing allows accurate photorealistic and graphic designs.

- A new medium for expression
  The ability to combine transparent, translucent and opaque details in any way, full freedom in colours and shades, and the possibility to create double-vision designs for different front and back experiences, are moving glass printing into the realm of tools for design.

Outstanding Functional Performance

Dip-Tech’s solution for digital ceramic in-glass printing meets complex functional performance requirements. It enables control of all special elements of architectural and designed glass:

- Translucency/opacity
- Light diffusion and transmission
- Energy efficiency
- Privacy levels
- Slip resistance
- Anti-bird collision

Sustainable Architecture

Dip-Tech’s printed glass meets environmentally responsible architecture goals:

- The glass is recyclable and offers eco-friendly functionality.
- Using this technology can assist with LEED and other environmental certification.
- The printed glass contains no toxic heavy metals.
- It is an excellent building material for preventing bird collision.
- Printing a new design on glass panels is well-suited to urban renewal projects where redesigning only parts of buildings is preferable to demolition and rebuilding.
- Over time, if elements need to be replaced or added, individual glass panels can be printed and perfectly matched to the existing panels, eliminating the cost and waste of more extensive refurbishment.

Imagine it. Print it in Glass.

Multi-color digital in-glass printing

Budget-Smart Design

From the initial design stage, through the value engineering process, Dip-Tech assists architects, designers and consultants with calculating the long-term savings enabled by digital ceramic printed glass. If needed, Dip-Tech helps evaluate alternative ways of using digital in-glass printing, so that printed glass elements can be kept in a project, even as budgets change over time.
VICTORIAN UNIVERSITY

Architect
John Wardle Architects

Location
Victorian University – Footscray Park Campus
Melbourne Australia

Printed By
G.James Glass & Aluminium

Photographer
Brendan Jones

SPECIFICATIONS

Printed Area
1,600 sqm / 17,222 sqf

Number of Panels
348

Colours
White

Glass Type
24mm GJ TwinGlaze Ultra
ETherm 60
CARDBOARD CATHEDRAL

Architect
Shigeru Ban Architects

Location
Christchurch, New Zealand

Printed By
Metro Performance Glass

Photographer
Bridgit Anderson

SPECIFICATIONS
Printed Area
126 sqm / 1,356 sqf

Number of Panels
49

Colours
digital mix

Glass Type
Clear insulated glass
GLASS FARM

Architect
MVRDV

Location
Schijndel, the Netherlands

Printed By
AGC Glass Europe

SPECIFICATIONS

Printed Area
1,800 sqm / 19,375 sqf

Number of Panels
500

Colours
Digital mix

Glass Type
Insulated glass
ORIGAMI BUILDING

Architect
Manuelle Gautrand

Location
Paris, France

Printed By
Interpane Sicherheitsglas GmbH

SPECIFICATIONS
Printed Area
900 sqm / 9,687 sqf

Number of Panels
962

Colours
Digital mix

Glass Type
TVG laminated glass
ROCKHEIM MUSEUM

Architect
Pir II

Location
Trondheim, Norway

Printed By
Rakla, Finland

SPECIFICATIONS

Printed Area
800 sqm / 8,611 sqf

Number of Panels
420

Colours
White

Glass Type
TVG laminated glass
<table>
<thead>
<tr>
<th>Architect</th>
<th>Rockwell Group, NY</th>
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<tbody>
<tr>
<td>Location</td>
<td>Cancun, Mexico</td>
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<tr>
<td>Printed By</td>
<td>PVA Vitro</td>
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### SPECIFICATIONS / EXTERIOR

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<thead>
<tr>
<th>Printed Area</th>
<th>1,823 sqm / 19,622 sqf</th>
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<tbody>
<tr>
<td>Number of Panels</td>
<td>312</td>
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<tr>
<td>Colours</td>
<td>Grey and white</td>
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<tr>
<td>Glass Type</td>
<td>Clear laminated and tempered glass</td>
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### SPECIFICATIONS / INTERIOR

<table>
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<th>Printed Area</th>
<th>10,630 sqm / 114,420 sqf</th>
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<tbody>
<tr>
<td>Number of Panels</td>
<td>3,949</td>
</tr>
<tr>
<td>Colours</td>
<td>Grey and white</td>
</tr>
<tr>
<td>Glass Type</td>
<td>Clear tempered glass</td>
</tr>
</tbody>
</table>
FLETCHER HOTEL

Architect
Benthem Crouwel Architects

Location
Amsterdam, Holland

Printed By
Lisec Shanghai Group of Companies

SPECIFICATIONS
Printed Area
3,312 sqm / 35,650 sqf

Number of Panels
590

Colours
Three shades of blue

Glass Type
Glass heat-strengthened
O'HARE INTERNATIONAL AIRPORT

Architect
Epstein

Location
Chicago, Illinois, USA

Designer
Thirst

Printed By
Goldray Industries

Photographer
Steve Hall © Hedrich Blessing

SPECIFICATIONS
Printed Area
350 sqm / 3,746 sqf

Number of Panels
120

Colours
Digital mix

Glass Type
Laminated glass
HANJIE WANDA PLAZA

Architect
UNStudio

Location
Wuhan, China

Printed By
Glas & Tongue

Photographer
Edmon Leong

SPECIFICATIONS

Printed Area
3,500 sqm / 37,673 sqf

Number of Panels
2,346

Colours
Digital mix

Glass Type
6+6 IG white glass, 8+8 IG white bended glass
ART GALLERY

Architect
Turenscape Co., Ltd

Location
Guizhou, China

Printed By
South Bright Glass, China

SPECIFICATIONS

Printed Area
4,650 sqm / 50,052 sqf

Number of Panels
1,360

Colours
White

Glass Type
Low-iron glass