

## 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 colors, 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 colors 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**

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## Imagine it. Print it in Glass.

Multi-color digital in-glass printing

## 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.

## 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.

