

GGI Alice® Direct-to-Glass Printing

Product Description

Alice® direct-to-glass printing is a digital imaging process that utilizes ceramic frit paint to reproduce designs on glass. The glass is then tempered which fuses the ceramic frit into the glass creating a permanent and durable solution ideal for exterior and interior design applications. This process adds tremendous design flexibility while eliminating the limitations and costs associated with silk-screening.

Benefits

- Durable ceramic frit paint
- Standard and custom colors
- High resolution up to 720 dpi
- Varying levels of opacity
- UV fade and scratch resistant
- No screens required, setup or storage fees
- Ideal for projects with variable unique panels
- Design files saved electronically for ease of access and reprints
- Meets ANSI Z97.1, CAN/CGSB, and CPSC 16 CFR 1201 safety glazing test requirements

Resources

CSI 3-Part Specifications available on GGI website, BSD SpecLink, and ARCAT.com



Alice® Custom artwork + Low-E Insulating glass

Precision Processing and Printing

- Custom color matching available
- Suitable for producing fine lines, typography, and complex images, including the reproduction of photographs, artwork adaption, and material imitation
- Standard or custom fades, grids, gradients, and patterns available
- Images can be layered to create a different view on each side of the glass
- Designs can be back-painted
- Translucent opacity level great for back-lighting
- Single images can be tiled across entire facades and walls, with accurate alignment between panes
- Panels of multi-pane designs are printed with small reference numbers to facilitate ease of installation and future reorders
- Customize with cut-outs, holes, notches and edgework



Alice® Noonan Bound Design with Custom Blue Back-Paint

SEE WHAT
GLASS
CAN DO



Product Information

Capabilities

Minimum size: 12" x 12"
Maximum size: 108" x 236"

Monolithic glass thicknesses:
3/16" up to 3/4"

Laminated glass configurations available
with PVB or SentryGlas™ interlayers

Insulating glass units: Double and
triple glazing from 1" up to 2-1/4" overall

Maximum size on IGU and laminated may
vary based on configuration

Enhance™ glass surface protection can be
added

Print Surfaces

- Laminated glass printed on surface #2
- Insulating glass units can be printed on
surface #2 or #3
- Surface #3 printing required if a low-e
coating is on surface #2
- Can be applied to low-iron, clear, satin
etched (single-sided), and most patterned
or textured glass substrates

Applications

For exterior and interior use

Ideal for back splashes, doors, glass
handrails, glass marker boards, partitions,
public art displays, shower enclosures,
storefronts, wall cladding, windows, and
other design applications.



Custom Shower Enclosure with Alice® Gridwork Design

Artwork Implementation

Create and submit a custom graphic art design or image
in one of the acceptable file formats referenced below,
or choose a GGI ready-to-print design from one of our
exclusive collections. Standard designs can be modified in
color and opacity for ease of customization. Artwork stored
digitally for ease of ordering reprints.

Digital files can be shared in these acceptable formats: PDF,
TIFF, JPG, EPS, BMP, or PS.

Sustainability

Alice® supports sustainable building with glass printing
designs that reduce solar heat gain and UV exposure
combined with stunning aesthetics. Using dots, lines,
fades, and other patterns, digitally printed glass allows full
control of how much light passes through, helping reduce
energy costs year-round, while keeping building residents
comfortable inside. Designs can also be used to create
bird-friendly glazing to minimize bird-glass collisions.

Limited Warranty

Alice® offers a 10-year limited warranty against fading.
For complete warranty details, please contact GGI.

Contact us to learn more.

800-431-2042 | sales@generalglass.com | www.generalglass.com

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GLASS
CAN DO