

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 Z971., CAN/CGSB, and CPSC 16 CFR 1201 safety glazing test requirements

Resources

CSI 3-Part Specifications available on GGI website, 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: 110" x 177"

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
- Surface #1 printing for bird-friendly glazing. **See Inspiration Gallery** on website for designs approved by the American Bird Conservancy.
- Can be applied to low-iron, clear, satin etched (single-sided), and most patterned or textured glass substrates

Applications

For exterior and interior use, including back splashes, doors, glass handrails, glass marker boards, partitions, public art displays, shower enclosures, storefronts, wall cladding, windows, and more.



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