CREATIVE VISIONS, CUSTOM GLASS
Amistad High School, New Haven, CT

This college-preparatory public charter school uses Alice® Direct-to-Glass Printing to display artwork of various civil rights leaders. The building replaces former Martin Luther King Elementary School, which displayed similar artwork painted directly on the facade.

New York University, Washington, D.C.

A custom pixilated pattern and edge lighting create undulating, glowing waves on a building façade.

New equipment and capabilities have made glass one of the most versatile, flexible, and creative materials available in the built environment. High tech, direct-to-glass printers allow you to create and capture art, images, patterns and colors in stunning clarity and detail. Precision CNC machining lets glass take on any shape at almost any size. A sheet of glass can be magnetized or made into a privacy shade that switches back to clear at the touch of a button. And many of these techniques can be combined to express a truly unique vision. At GGI, we have decades of experience pushing the boundaries of what glass can do. We welcome the most interesting challenges, and we’re dedicated to making your most creative visions come alive, in glass.
In glass, it takes a lot of high tech to create high art. That’s why we make the capital investments necessary to give our customers the latest, greatest, fastest, most precise design and fabrication capabilities in the industry. We were the first to have a direct-to-glass digital printer, and we now have the biggest. We have a library of proprietary patterns, or can work with yours. Our CNC machining offers the most precise accuracy available. We also have the most experienced and well-trained staff. We can do it all, because we’ve done it all.

1. M.S. 114 New York, NY
Back painting and careful color matching expressed the unique vision of artist Mary Temple. Each two-tone panel is a separate piece of glass; digital printing allows for seamless tiling across the entire wall cladding.

2. We understand how important careful color matching is for artists and designers. The most dedicated staff working with the most advanced equipment, along with our commitment to sampling, ensures we get it right.

3. Architects and customers love uninterrupted expanses of glass. That’s why we invest in machinery that can fabricate, laminate and temper oversized glass as large as 130” x 236”.

4. A fully automated polishing and drilling line uses CNC machining for exceptional accuracy and flexibility, producing a broad range of shapes, at various thicknesses, at high speed to improve delivery times.

**CAPABILITIES**

**ALICE® DIGITAL PRINTING**
**BACK PAINTED COLOR MATCHING**
**CUT & DRILL INTERLAYER**
**INTERIOR & EXTERIOR**
**MULTIPLE TECHNIQUES**
**PATTERNS**
**PERFORMANCE GLASS**
**SATIN ETCH**

- Alice® 24-head, 6-spot color, 720 dpi ceramic frit digital printer for sizes up to 110” x 236” on glass from 3/16” to 3/4” thick, offering thousands of colors and wide range of opacities.
- Tempering furnaces for sizes up to 110” x 236”
- Vertical polishers to produce high-quality edges
- Automated drilling, polishing and milling machines
- Precision horizontal and vertical CNC machining for complex shapes in sizes up to 102” x 236”
- Back painting and drying ovens for sizes up to 72” x 144”
- Glass cutting with automated glass retrieval systems
- Recirculating water treatment systems that reduce environmental impacts of manufacturing
The Ashland, a luxury residential tower in Brooklyn, New York, features various panels of 3-ply laminated glass with Alice® digital printing technology. Different parts of the pattern were printed on each piece of glass in order to create a 3-D effect when laminated. The panels range from doors and partitions, to decorative pieces in the lobby which help add to the elegant interior design of the building.

**FEATURED PRODUCT**
Alice® Direct-to-Glass Printing

**GLAZIER**
Enterprise Architectural

**ARCHITECT**
FXFOWLE

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"ANDANTE"
TAMPA, FL

Artist, Heidi Lippman created a permanent glass artwork for the new Doyle Carlton section of Tampa’s Riverwalk. The piece is titled Andante, an Italian musical notation for a walking tempo or walking music. The digital ceramic printing process allowed for an interplay of opacity and transparency as well as the durability needed in its exposure to the elements.

**FEATURED PRODUCT**
Alice® Direct-to-Glass Printing

**ARTIST**
Heidi Lippman

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THE VERMONT
LOS ANGELES, CA

A two-level staircase made of 40 pieces and 1,000 square feet of 1" thick, low-iron glass, laminated with an interlayer to improve exterior durability, is digitally printed in a continuous, non-repeating pattern designed to match an original sculpture hanging above the staircase and provide custom opacity.

**FEATURED PRODUCT**
Alice® Direct-to-Glass Printing

**GLAZIER**
Walters & Wolf

**ARTIST**
Cliff Garten

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Leaves climb a glass wall and bring the outdoors inside. White fins undulate on a building exterior. Historic murals come alive across an entire city block. Variable opacities and true fades allow designers to control the interplay of color and light. All this and so much more is now not only possible, but just part of what we do every day, with glass.
GGI offers an extensive line of glass products and finishing capabilities from picture frame and museum glass to specialty glazing solutions, shower doors to architectural components, CNC machining to digitally printed curtain walls. Five generations of family ownership, extensive capital investments, and a can-do attitude to logistical and creative challenges have earned GGI the trust of the most prominent, creative, and inspiring glazing contractors, interior and environmental designers, and architectural firms in the country.