

SKYLINE

Exterior Glass
Solutions



skyline.glass



Gene Lynch Urban Park, Silver Spring, MD
Art by Becky Borlan, Design by B+B Lab



Michigan State University
by BNIM Architects



At A Glance

Glass Types

- Insulated Units
- Monolithic
- Laminated Units

Manufacturing

Fabricated in Chicago

Specifications

Sizes up to 72" x 144"

(Maximum size is dependent on fabrication technique, glass type, and weight)

Standard glass thicknesses

Weight up to 400 lbs.

Finishing Options

- Lamination
- Color Interlayer
- Eco-etch
- Digital Print
- Holes and notches

Techniques

Eco-etch® Glass Etching

Patterning is engraved into surface one of the glass

Digital Printing

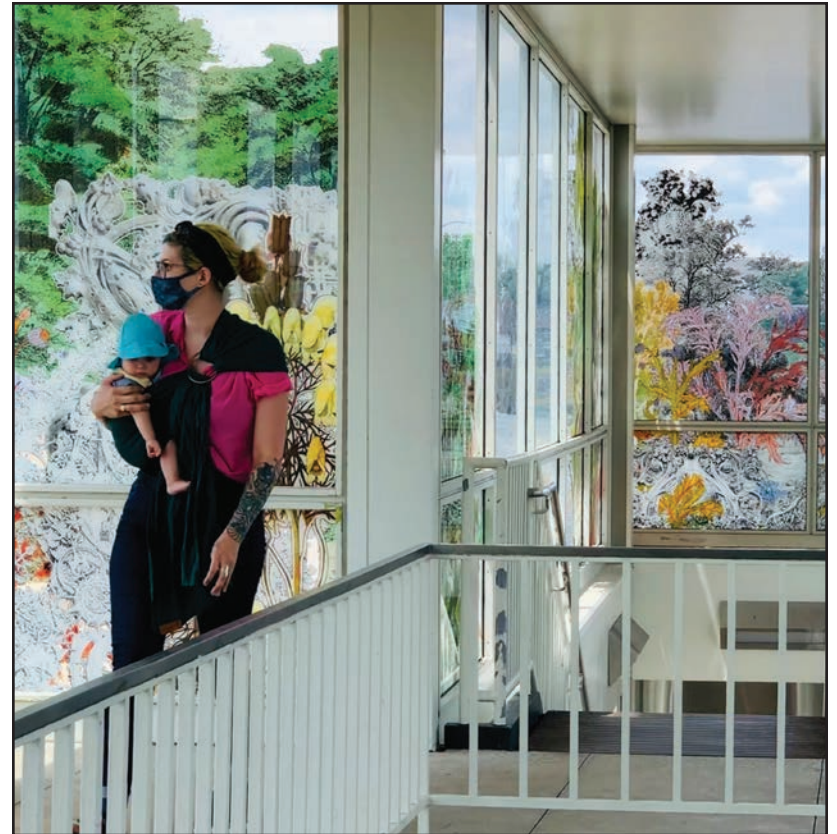
Artwork is fused into the glass during the tempering process

Color Interlayer Lamination

Creating a monolithic translucent color



3131 Katella
by Ware Malcomb



Fabricated in Chicago with three core techniques:

Surface One Eco-etch®
Patterned Laminated Glass
Digital Printing

Skyline offers decorative glass solutions for facades, canopies, railings, wayfinding, and bird-friendly glass.



SURFACE ONE ECO-ETCH® FOR SAFETY & LONGEVITY

Certified for exterior grade application, Skyline's chemical-free etching process provides a durable pattern, engraved onto the glass surface with a lifetime warranty.

Surface One Eco-etch glass serves as a preferred solution to prevent bird strikes, with tested threat factor levels as low as 15.

Glass Types

Monolithic or laminated low-iron, clear, gray, bronze
Pre-made Insulated Glass Units (IGU)

Patterns

Choose from Skyline's pattern and image library
or supply your own artwork

Glass Size Guidelines

Up to 72" x 144" in standard glass thicknesses, up to 400lbs

Resistance Testing

ASTM D7356 Acid Rain; Dirt Pick-Up, Bird-Dropping, ASTM D1308
Smog; Auto Exhaust Fumes; ASTM D2486 Cleaning & Scrubbing

SKYSAFE™ BIRD-FRIENDLY GLASS

Building collisions kill **nearly one billion birds each year** in North America.

Bird-Friendly patterns applied with Surface One Eco-etch® reduce collisions by making exterior glass visible to birds.

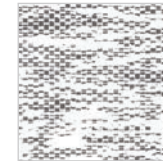
Industry leaders guiding our approach to creating bird-friendly glass solutions:



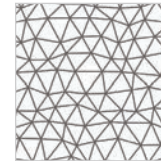
Choose from Skyline's SkySafe collection of proven bird-safe patterns, or create a custom pattern that meets the Threat Factor (TF)* level your project needs to achieve.



Integrate
TF 15



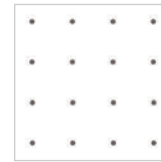
Disperse
TF 15



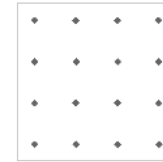
Triangles 07
TF 15



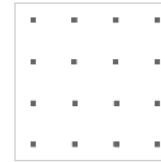
Letters 01
TF 15



Dot Grid
TF 20



Diamond Grid
TF 20



Square Grid
TF 20



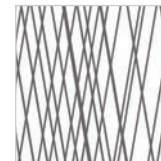
Animals Grid
TF 20



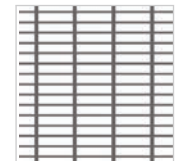
Horizontal Lines
TF 25



Vertical Lines
TF 25



Strands
TF 25



Shift Grid
TF 25

*Threat Factor

Threat Factor determines the frequency at which birds do not avoid collision during testing. American Bird Conservancy defines materials as "bird-friendly" if they have a Threat Factor of 30 or lower.



EXTERIOR LAMINATED GLASS

Engineered for demanding exterior environments, Skyline's decorative laminated glass delivers superior durability. Offered with color interlayers for a translucent color, or digital print for artwork.

EVA interlayers provide long-term resistance to moisture, yellowing, and delamination making an ideal product for skylights, railings, balconies, and wind shelters.

Glass Types

Laminated low-iron, clear, or gray, bronze tint

Combine with colored interlayer or digital printing

Combine with Surface One Eco-etch® to reduce bird collisions

Patterns

Choose from Skyline's library of patterns and images or supply your own artwork

Glass Size Guidelines

Up to 72" x 144" in standard glass thicknesses, up to 400lbs





DIGITAL PRINT CUSTOM ARTWORK

Our digital printing is permanently embedded into glass during tempering, guaranteeing durability, even from the elements.

Choose from Skyline's exclusive pattern library or provide custom artwork. Our shop can print seamlessly spanning multiple panels, enabling large-scale murals and feature graphics.

Glass Types

Monolithic or laminated low-iron, clear, gray, bronze tint

Patterns

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Glass Size Guidelines

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Harry Ransom Center
by Lake|Flato

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