



Bird1st™ UV
LEAST VISIBLE

Bird1st™ ETCH
MORE FLEXIBLE

Better when bird-friendly

WELCOME TO THE BIRD1ST PORTFOLIO FROM GUARDIAN GLASS.

Glass is iconic, beautiful and in today's architecture, ever on the ascent. At Guardian, we're on the forefront of elevating this story. This is especially true in respect to creatures that, like our products, rise into the air. By looking to our Bird1st portfolio, you can balance collision deterrence with a variety of crucial construction goals, such as aesthetics, energy-efficiency, cost-effectiveness, and staying on schedule. Because each and every project is different, our approach is to provide you with choices. Better still, we complement the variety with advice. If you need help in determining which of our bird-friendly* solutions best fits your needs, we have expertise in the wings.

*The American Bird Conservancy defines "bird-friendly" materials as those with a Threat Factor score of ≤ 30 .

Image shown above is an illustration intended to represent the reflected and transmitted color of the glass in real-use conditions. Actual results may vary.



The NEW Bird1st™ UV

Bird1st UV is a bird-friendly* glass designed with people in mind. With our least-visible-to-humans solution available, it helps preserve the beauty of the façade design while helping to meet other building goals. For example, the product's jumbo size and non-directional pattern allow fabricators to increase yields from each stock sheet, which can help lower installed costs.

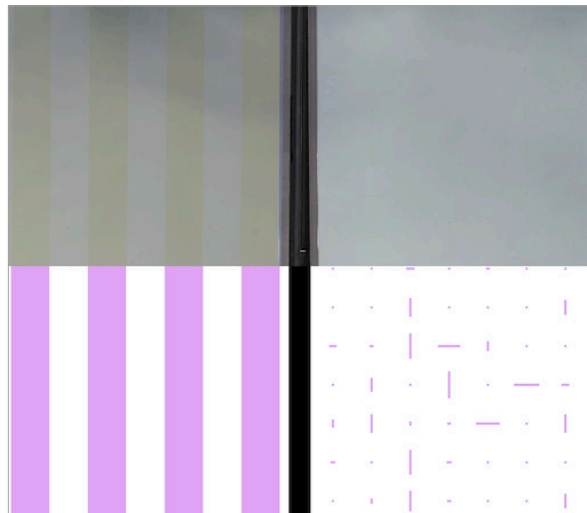
- **Pattern:**
Non-directional
- **Two substrates:**
Clear and Guardian UltraClear™ low-iron glass
- **Maximum size:**
Split Jumbo (102 x 130 in)
Jumbo (130 x 204 in)
Super Jumbo (130 x 240 in) (made to order)
- **Thicknesses:**
Stocked—6 mm
Made to order—5, 8, 10 and 12 mm
- **Requirements:**
Laminated outboard;
patterned coating on surface 1

THREAT FACTOR (TF)

25	UV with SNX 70+	16	UV with SNX 68
25	UV with SNX 60+	25	UV with NU 78/65
25	UV with SNX 51/23	25	UV monolithic—laminated, no low-E coating**

LEGACY

THE NEW BIRD1ST UV



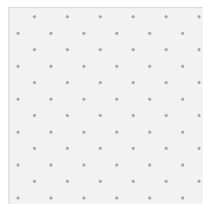
The new pattern is so hard to see, we have to show you in a graphic.

Bird1st™ ETCH

Bird1st ETCH features subtle, translucent patterns applied to surface 1. Offering flexibility in design, it pairs with many of our SunGuard™ low-E coatings on surface 2, plus tints of glass.** Available in a larger 102 x 204 inch size, it can make bird-friendly glass bigger and more beautiful.

- **Accelerated lead times:**
Choose from our stocking program (Dx22, 102 x 130 in, on Clear and UltraClear)
- **Pattern:**
Offered in our most popular non-directional patterns
- **Sizes:**
102 x 130 in, 102 x 144 in, and 102 x 204 in
- **Thicknesses:**
6, 8 and 10 mm

Pattern Dx22



Threat Factor **15**

Pattern SQx24



Threat Factor **25**



For more information, visit GuardianGlass.com.
As codes continue to change, please reach out to your
Guardian Glass sales representative for product availability.



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**Speak with a Guardian Glass sales representative to learn more about available substrates, thickness options, international coatings, and additional product details.

www.guardianglass.com

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**GUARDIAN
GLASS**

See what's possible™