VITRUM
GLASS GROUP



BirdOptik

VITRUM BIRD FRIENDLY GLASS

Vitrum Glass Group is proud to introduce **BirdOptik**, a first-surface, permanent pattern designed specifically to enhance bird safety without compromising aesthetics or performance.

To effectively prevent bird collisions, glass must incorporate visual cues that birds can recognize. This is achieved by introducing subtle "noise" or visual markers onto the glass surface — through visible patterns. These markers use a combination of absorbing and reflecting elements to create a visible barrier that signals to birds that the surface is not passable.

Vitrum's BirdOptik allows projects to maintain high solar performance without compromising visible light transmittance (VLT) or solar heat gain coefficient (SHGC). The bird safe pattern is completed within Vitrum's facilities and customers benefit from faster turnaround and reduced lead times.

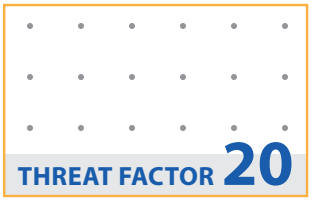
FABRICATION SPECIFICATION

- BirdOptik patterns are applied to the first exterior surface
- Available from small squares to jumbo-sized glass
- Available for both single pane and assembled IG units (low-e, clear, tempered, laminated)
- Standard shapes available; please verify with Vitrum Sales

GLASS SIZE	**MINIMUM:** 600mm x 600mm | 24" x 24" **MAXIMUM:** 3300mm x 6000mm | 130" x 236"
THICKNESS	**MINIMUM:** 3mm | 1/8" | Single Pane

AVAILABLE BIRDOPTIK PATTERNS

* These patterns satisfy American Bird Conservancy's criteria for bird-friendly glass.



6mm Linear Dots
2"x 2"
Non-Directional



6mm Linear Dots
2"x 4"
Directional



6mm Staggered Dots
2"x 2" with 1" offset
Directional



6mm Staggered Dots
2"x4" with 2" Offset
Non-Directional

Vitrum Glass Group still offers UV Markings and Ceramic Frit solutions to deter bird collisions with glass facades. All options are fully fabricated in-house, ensuring consistency, quality, and dependable lead times. Each individual lite meets bird-friendly standards; however, alignment of the pattern from one lite to the next is not guaranteed. Please reach out to your Vitrum Sales Representative for more information.