

A close-up photograph of a building's exterior facade. The glass panels are covered with a pattern of small, dark dots, which is a bird-safe glass treatment. A single bird is visible in flight, captured in a slightly blurred state, appearing to be reflected or flying near the glass. The facade is made of light-colored metal frames and panels.

This Glass
is for the Birds



Cleared for Takeoff

BirdSmart® Bird Safe Glass by Vitro features first-surface laser etched patterns that improve visibility for birds without compromising modern design aesthetics or glass performance. Combine *BirdSmart®* glass with a *Solarban®* low-e coating on the second surface on a single lite, and get it in one fell swoop.

Don't Wing It

- *BirdSmart®* glass can achieve threat factors as low as 20 and has received American Bird Conservancy tunnel testing approval to comply with existing and emerging building codes

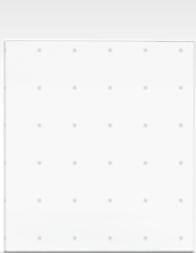
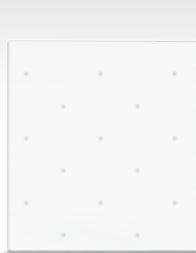
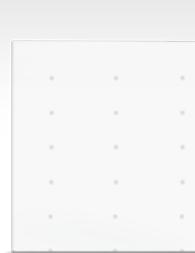
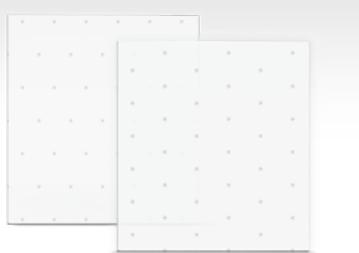
A Greener Process

- *BirdSmart®* glass is manufactured using a non-caustic laser etching process without harsh chemicals
- All *BirdSmart®* patterns and *Solarban®* low-e coatings are manufactured on Vitro's low embodied carbon and *Cradle to Cradle Certified®* glass. For more information about sustainability resources, like our Environmental Product Declarations (EPDs), visit vitroglazings.com/sustainability.

Fabrication & Availability

- Available on clear, *Starphire®* or *Acuity®* glasses with our most popular *Solarban®* low-e coatings: *Solarban®* 65 glass, *Solarban®* 70 glass and *Solarban®* 72 glass
- One Fell Swoop: *BirdSmart®* and *Solarban®* glasses are made in Wichita Falls, Texas and ship directly to you.
- No more size limits – available in sizes up to *Titan™* glass (130x240 inches)
- Single pack order minimum
- Available exclusively through the Vitro Certified® Network

Pattern Options

			
Spec Name	<i>BirdSmart® Speck 6 Inline 2x2*</i>	<i>BirdSmart® Speck 6 Shift 2x4</i>	<i>BirdSmart® Speck 6 Inline 2x4</i>
Threat Factor	20	25	25
Pattern Dimensions	2" x 2"	2" x 4" with 2" offset	2" x 4"

*Complies with Canada's CSA A460: 19 Bird-friendly building design requirements

***BirdSmart®*
Bird Safe Glass
first-surface patterns
do not impact SHGC
and VLT**

BirdSmart™ + Solarban® Low-e IGU Performance, Standard 1-Inch Units

Insulated Glass Unit (IGU)	VLT %	SHGC
<i>BirdSmart®</i> (1) <i>Solarban®</i> 65 (2) Clear + Clear	70%	0.35
<i>BirdSmart®</i> (1) <i>Solarban®</i> 65 (2) <i>Acuity®</i> + <i>Acuity®</i>	72%	0.36
<i>BirdSmart®</i> (1) <i>Solarban®</i> 65 (2) <i>Starphire®</i> + <i>Starphire®</i>	73%	0.36
<i>BirdSmart®</i> (1) <i>Solarban®</i> 70 (2) Clear + Clear	64%	0.27
<i>BirdSmart®</i> (1) <i>Solarban®</i> 72 (2) <i>Acuity®</i> + <i>Acuity®</i>	67%	0.28
<i>BirdSmart®</i> (1) <i>Solarban®</i> 72 (2) <i>Starphire®</i> + <i>Starphire®</i>	68%	0.28

Visit vitroglazings.com/birdsmart to view our selection guide and for more information.