

# **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<sup>™</sup> 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

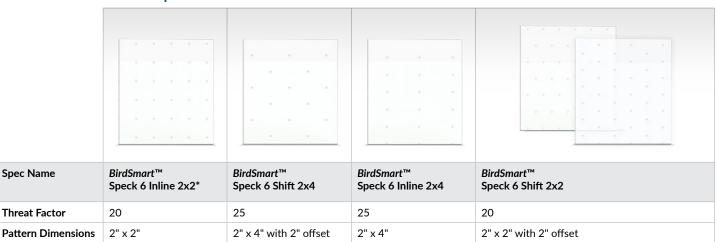
#### **A Greener Process**

- BirdSmart™ glass is manufactured using a non-caustic laser etching process without harsh chemicals, which is safer for the environment
- 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
- Direct to you: *BirdSmart*<sup>™</sup> and *Solarban*<sup>®</sup> glasses are manufactured in the same Wichita Falls, Texas facility
- Available in sizes up to Titan<sup>™</sup> glass (130x240 inches)
- Single pack order minimum
- Available exclusively through the Vitro Certified® Network

## **Pattern Options**



<sup>\*</sup>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™ + Low-e IGU Performance, Standard 1-Inch Units

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

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



