

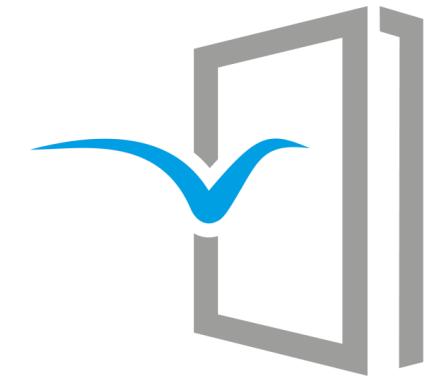
PRESSGLASS **BIRD**SHIELD

LASER APPLIED BIRD FRIENDLY SOLUTION

www.pressglass.us



Each year up to
1 billion birds die
after hitting glass
surfaces in the US.



PRESSGLASS **BIRD**SHIELD

PRESS GLASS BirdShield is manufactured using laser printing method to apply a bird-friendly pattern on surface #1.

The laser uses glass-friendly material to ensure no damage to the glass surface occurs. It creates an almost imperceptible pattern and there is no additional glass waste for this process due to optimization of the pattern.



Protecting Birds, Enhancing Views



PRESS GLASS BirdShield not only offers exceptional **bird protection** but also enhances the **aesthetics** of architectural spaces.

With its innovative use of precision, the laser applies patterns of semi-transparent dots in either light and dark gray colors on **surface #1** of the glass.

These dots, spaced at 2 inches from each other, are not only aesthetically pleasing but also serve a crucial function. While humans may barely perceive them, these dots create a visual barrier that is highly effective in preventing bird collisions.



This solution ensures that the glass maintains its intended purpose of allowing maximum light and openness while safeguarding our feathered friends.

Non-directional pattern minimizes the perception of visual inconsistencies.

A Hidden Shield, A Visible Impact

PRESS GLASS BirdShield offers exceptional glass performance, especially when combined with **Low-E glass**, meeting energy requirements without compromising on natural light.



Our glass products can be customized with **energy-efficient coatings** to meet specific energy, solar and light requirements.

To help ensure effectiveness, our bird-friendly product undergoes live bird tunnel tests performed by American Bird Conservancy (ABC). These tunnels, house scientific apparatuses that allows birds to demonstrate our solutions are effective in preventing bird collisions.



Unwavering Production



The entire production process of BirdShield is completed in-house, providing PRESS GLASS with full control over every stage. The bird-friendly pattern is applied [without altering the glass material](#).

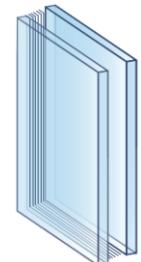
This process has no size limitations, allowing us to produce **(IGUs) up to 126" x 236"**.



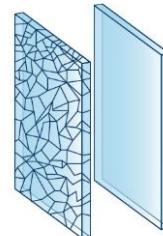


Available Coatings	Glass Substrate	Threat factor	Pattern	Maximum Size
Guardian SunGuard® SNX70+	Clear	22	Light gray	126"x236"
Guardian SunGuard® SN68	UltraClear™	30	Light gray	
Vitro Solarban® 70	Clear	20	Light gray	
Vitro Solarban® 60	Clear	19	Light gray	
Vitro Solarban® 72	Starphire®	30	Dark gray	

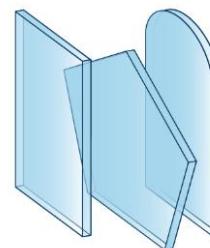
PRESS GLASS
BirdShield can be
used with the
following fabrication
processes:



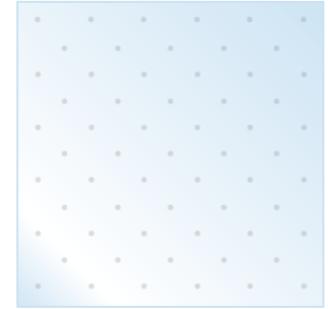
Double glazed



Tempered



Shapes



Non-directional 6mm dots
spaced 2" x 2" apart
Light gray



Non-directional 6mm dots spaced 2"
x 2" apart
Dark gray



PRESSGLASS
BIRD SHIELD



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