

HIGH PERFORMANCE uPVC WINDOWS · BIRD-SAFE GLASS

ViBird.

Bird-safe glass, in the same window.
Vi6 fixed, casement and terrace door.

U 0.25

Certified U-factor · every type

SHGC 0.21

Lowest certified · casement

VT 0.54

Highest certified · fixed

Brochure · October 2026 · NFRC-certified whole-window values, Vi6

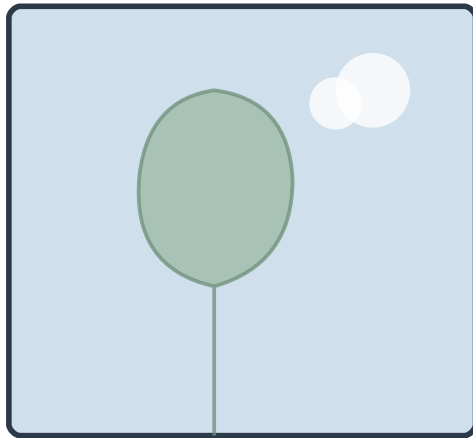


Bird-safe insulated glass, cut away.

WHY BIRDS HIT GLASS

Birds do not see clear glass.

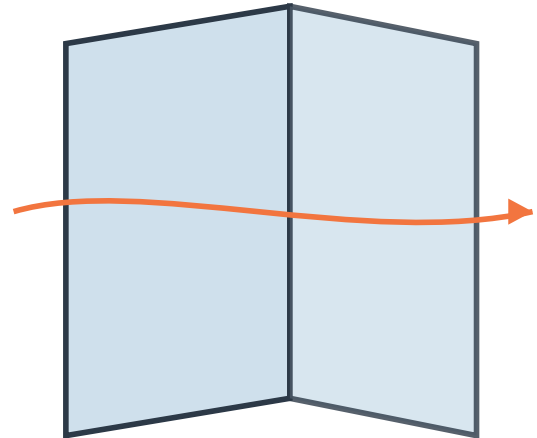
They see the sky reflected in it, and fly at it.



Reflection

A bird reads the mirrored sky as open space and flies into it.

The American Bird Conservancy estimates that more than a billion birds a year die this way in the United States alone.

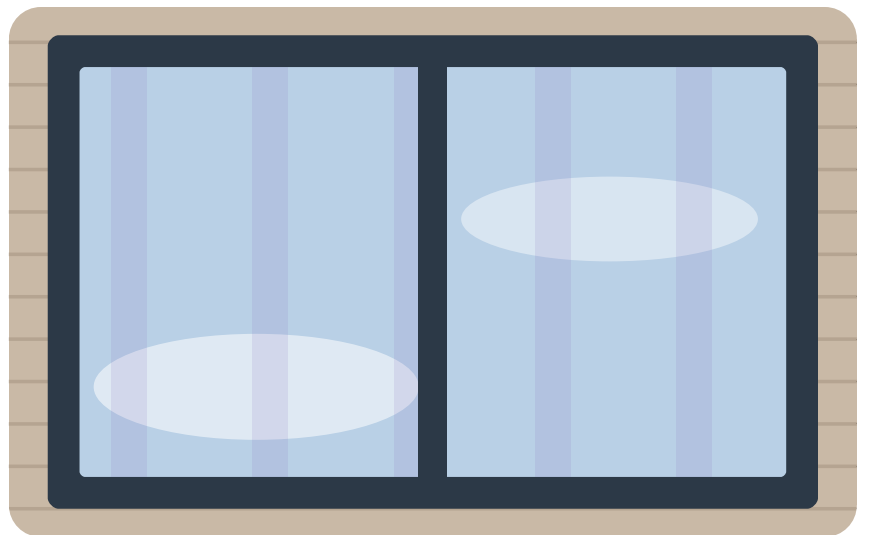


Fly-through

Where a bird can see through a building, it tries to fly through. New York City calls this a fly-through condition.

THE ANSWER

Bird-safe glass carries a pattern they can see.



A pattern in the coating: birds see stripes, and people see glass that is close to clear.

THE PATTERN

Pattern in the coating.

Vertical stripes in an ultraviolet-reflective coating on the outside face of the glass. Birds see ultraviolet. People mostly do not.



The same pattern on a real sample. Against a dark background and at an angle the stripes show. Against the sky, from inside a room, they all but disappear to a person, and stay visible to a bird.

From the room

Faint vertical stripes

Best for

Clear views, residential floors

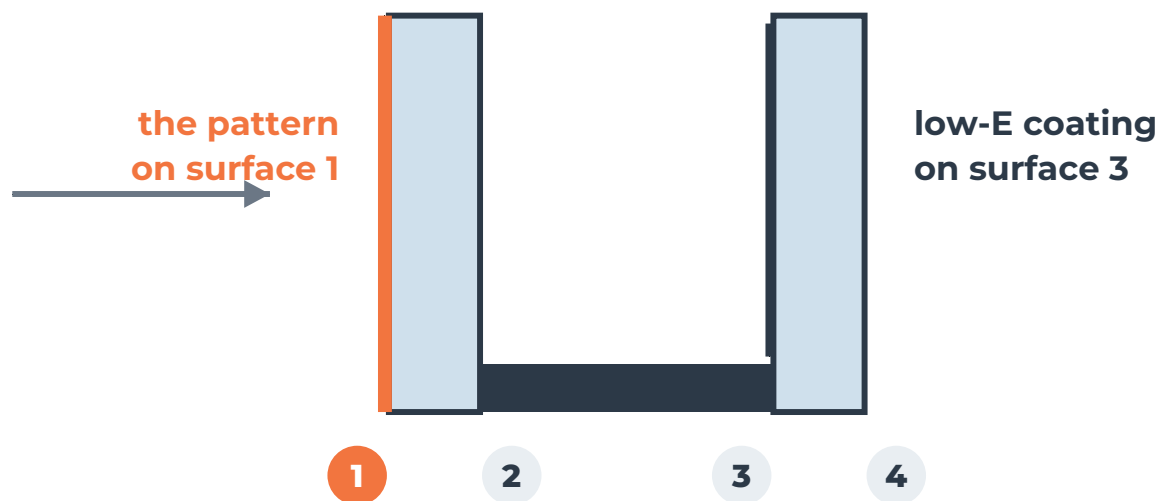
INSIDE THE GLASS

The pattern is on the outside face.

The pattern sits on the outside face of the outer lite, so a bird meets it before it meets the reflection. Behind it is the same sealed, insulated unit as any other Vistaza window.

OUTSIDE

INSIDE



Surfaces are counted from the outside in. A pattern on surface 1 is seen before any reflection is. The low-E coating stays on an inner surface.

IN THE SAME WINDOW

The same frame, the same opening.

ViBird goes into the same High Performance uPVC windows and doors as any other Vistaza glass, so the frame and the hardware do not change.

Series Vi6 fixed, in-swing casement and in-swing terrace door

Ordering By request, opening by opening

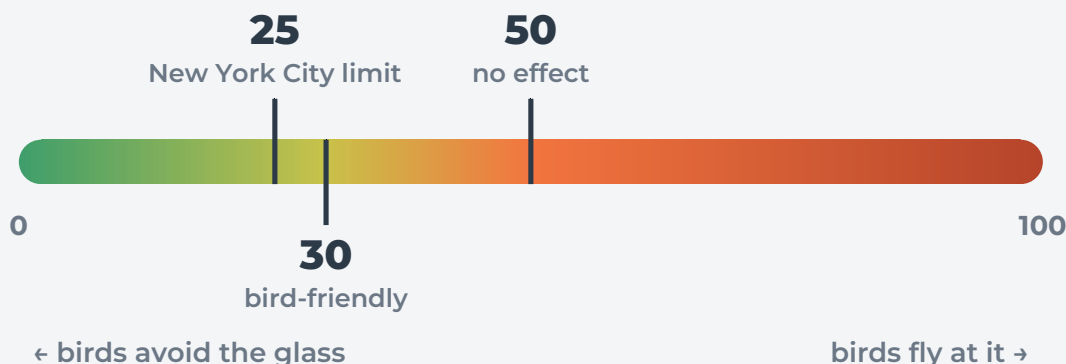


Our render of a Vi6 casement, cut open at the sill: the insulated glass in its frame.

THE RATING

Threat factor: lower is safer.

Bird-safe glass is rated with a threat factor from 0 to 100. It comes from testing how often birds avoid the glass. A score around 50 means the pattern made no difference. The lower the number, the more birds see the glass and turn away.

**How it is measured**

In a flight tunnel with live birds: the bird flies at the test glass or at plain clear glass, and a net stops it before it touches either.

30 or less

The American Bird Conservancy treats 30 or less as bird-friendly, and links that to at least a 50 percent reduction in collisions.

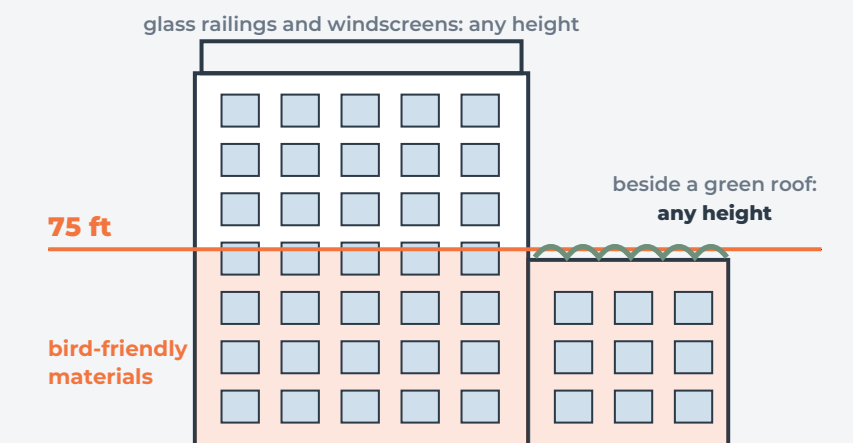
One tested product

A threat factor belongs to the assembly that was tested: the glass, the pattern, and which surface the pattern sits on.

NEW YORK CITY

Most strikes happen low.

At the height of trees and shrubs, so the rules cover the lower floors. New York City asks for bird-friendly materials with a threat factor of 25 or less on the building envelope up to 75 feet above grade.



Where Local Law 15 applies. The shaded zone is the building envelope up to 75 feet above grade.

ENERGY

Bird-safe, and still certified.

Choosing bird-safe glass does not take the window out of the rated system. ViBird has its own NFRC-certified U-factor and SHGC, so the energy model uses real numbers for the bird-safe openings too.

0.25

U-factor

every type, both builds

0.21

SHGC, lowest

casement · laminated acoustic glass

0.54

VT, highest

fixed · insulated double-pane glass

LAMINATED ACOUSTIC GLASS

	U	SHGC	VT	NFRC CPD
Fixed	0.25	0.34	0.52	VST-K-1-00284-00001
Casement	0.25	0.21	0.32	VST-K-4-00282-00001
Terrace door	0.25	0.25	0.39	VST-K-3-00323-00001

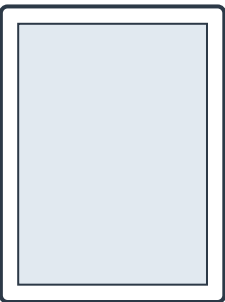
INSULATED DOUBLE-PANE GLASS

	U	SHGC	VT	NFRC CPD
Fixed	0.25	0.36	0.54	VST-K-1-00276-00001
Casement	0.25	0.23	0.34	VST-K-4-00276-00001
Terrace door	0.25	0.27	0.41	VST-K-3-00317-00001

Whole-window values for Vi6 with the ViBird pattern in the coating, NFRC-certified, without grilles. NFRC CPD numbers as shown.

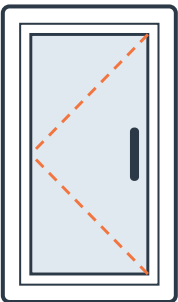
THE THREE TYPES

Seen from inside. The dashed lines meet at the hinge side.



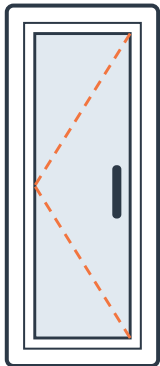
Fixed

Fixed glass



Casement

In-swing



Terrace door

In-swing

SPECIFY IT

Does your building need bird-safe glass?

Check the local rule at the start of design, not at submittal.



Our render of a Vi6 in-swing terrace door, from inside.

WHAT WE NEED FROM YOU

Plans and elevations

So we can mark which openings the rule covers.

Window schedule

Sizes, types and colors, inside and outside.

Performance targets

U-factor, sound or pressure, and we set the glass to match.

LEAD TIMES

1–2 wks

Shop drawings

1–3 days

Revisions

8–10 wks

Delivery

Send the plans.

Send the window schedule, plans and elevations.

plans@vistaza.com • 929-668-2340

6007 16th Ave, Suite 201 • Brooklyn, NY 11204

Vistaza supplies the windows and doors; installation is by others. The guide to bird-safe glass:
vistaza.com/knowledge/guide-bird-safe-glass/



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vistaza.com/glass/vibird/

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Our render of a Vi6 casement beside a fixed window, black inside and out.