


Bird friendly
made beautiful



Saflex® FlySafe™ 3D
PVB interlayer

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ENHANCE YOUR VISION

A large flock of birds, possibly terns, is shown in flight against a light, warm-toned background. The birds are silhouetted and scattered across the frame, with some appearing larger and more detailed than others, suggesting they are at different distances from the viewer. The overall composition is dynamic and emphasizes the sheer number of birds.

Every year, billions of birds collide into buildings.

It's a global problem. Given the prevalence of glass in modern architecture, countless birds are killed as they navigate along migratory pathways and strike windows, link bridges, and curtain walls. They fail to see glass, misjudge reflections, or are attracted to internal lights—all leading to avoidable collisions.

To address the problem, an increasing number of cities and countries worldwide are passing legislation that requires new construction to feature bird-friendly glass. As such, architects, designers, and builders need to act now to specify appropriate solutions.

Introducing the first highly effective, bird-friendly solution that does not compromise on aesthetics.

To address the global challenge of birds colliding with glass in buildings, Eastman introduces Saflex® FlySafe™ 3D PVB interlayer.

This unique solution gives architects and facade engineers the freedom to create visually stunning buildings while still protecting birds.

FlySafe 3D is recognized in the industry and by ornithologists as one of the best with minimal obscuring of views and long-lasting durability.

Saflex® FlySafe™ 3D PVB interlayer

A safer glass for birds. A beautiful glass for buildings.

Saflex FlySafe 3D uses 3D sequins that catch the light to produce subtle twinkles that deter birds from glass. Unlike current alternatives on the market, the sequins are discreet and don't obscure views or compromise the aesthetics of your exterior glass designs. The grid pattern consists of rows and columns of 3D sequins that are 9 mm (0.35 in.) in diameter, separated on all sides by 90 mm (3.5 in.). This design can also add visual intrigue to interior decorative glass.

To request a sample, go to saflex.com/flysafe.



Exterior view



Interior view



Saflex® FlySafe™ 3D PVB interlayer

Protect birds as well as your reputation.

The greater the bird traffic by your building, the greater the danger for the birds in flight. Choose bird-friendly Saflex interlayers to protect them, your reputation, and even your bottom line.

In cooperation with the American Bird Conservancy and Collision Laboratories in Hohenau-Ringelsdorf, Austria, Saflex FlySafe 3D's reflective technology has been tested using flight tunnels, which demonstrated the material's high effectiveness in mitigating bird collisions. What's more, use of FlySafe 3D can assist in achieving LEED® pilot credit for bird collision deterrence (SSpc55, CS v4—Core and Shell).

Key benefits

Highly effective

The 3D sequins within Saflex FlySafe 3D offer an effective method of avoiding avian in-flight collisions, maintaining glass as a preferred design element.

- Threat factor: Less than 10
- Contributes to LEED® pilot credit for SSp55 ("Bird collision deterrence," SSp55, CS v4—Core and Shell)

Durable choice

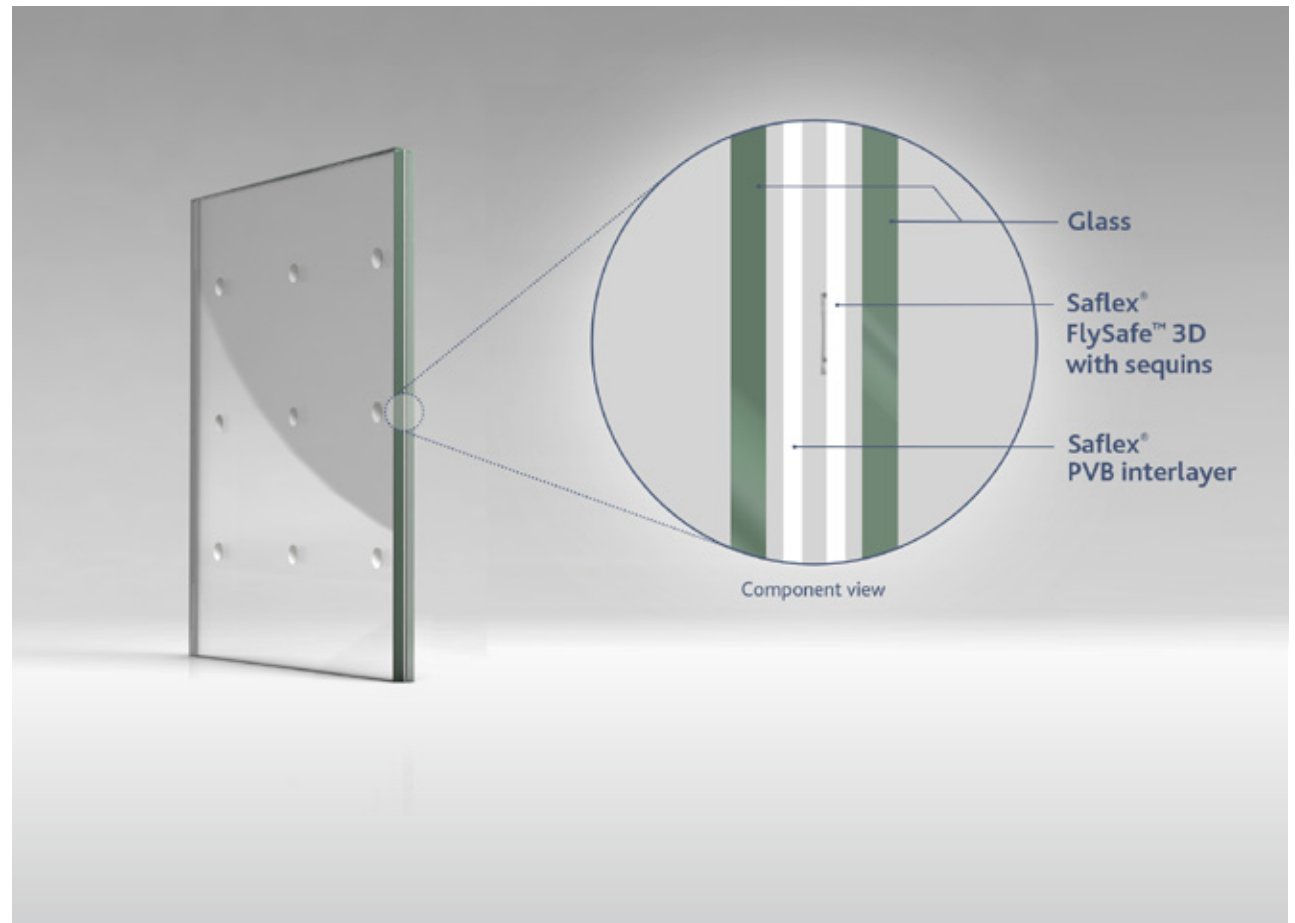
Because it's an interlayer, your bird protection glass will last. The sequins are protected from the elements and cleaning tools and fluids, requiring only normal laminated glass cleaning and maintenance.

Minimal visual obscuring

Unlike bird protection glass that uses screen printing, etching, or UV coating solutions, FlySafe 3D uses discreet and optimally placed sequins to avert birds without compromising views.

Design freedom


FlySafe 3D bird protection glazing is compatible with Saflex Acoustic, Structural, and Storm interlayers, enabling architects and glass laminators to mitigate bird strikes without compromising on safety, security, structural integrity, aesthetics, UV screening, or acoustic control.



The diagram illustrates the layered structure of the Saflex FlySafe 3D glass. It shows a perspective view of a glass panel on the left and a circular 'Component view' on the right. The component view details the layers: an outer 'Glass' layer, a middle 'Saflex FlySafe 3D with sequins' layer containing vertical green and white stripes, and an inner 'Saflex PVB interlayer' layer.

Applications

- Atriums
- Balustrades
- Cladding
- Facades
- Glass fins
- Link bridges
- Overhead and sloped glazing
- Podium glass
- Storefronts

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