SafeFlight UV™

POWERED BY Andluca

A bird-friendly interlayer for architectural glass laminates that is transparent and color-neutral, making it nearly invisible to humans. It features a distinct UV pattern, visible to birds, which effectively reduces bird collisions with buildings. This provides design freedom and functional flexibility while protecting birds.

ABC THREAT FACTOR AS LOW AS 18

Proven bird-friendly performance

SEAMLESSLY INTEGRATES INTO GLASS

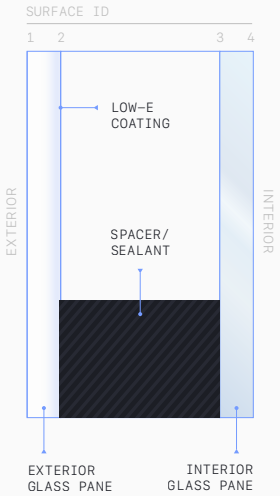
Designed for easy adoption

NEARLY INVISIBLE TO HUMANS

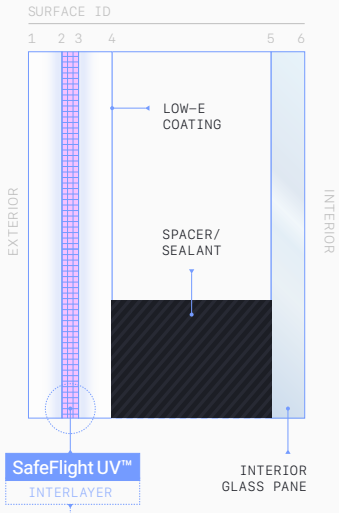
Color-neutral with minimal visible impact

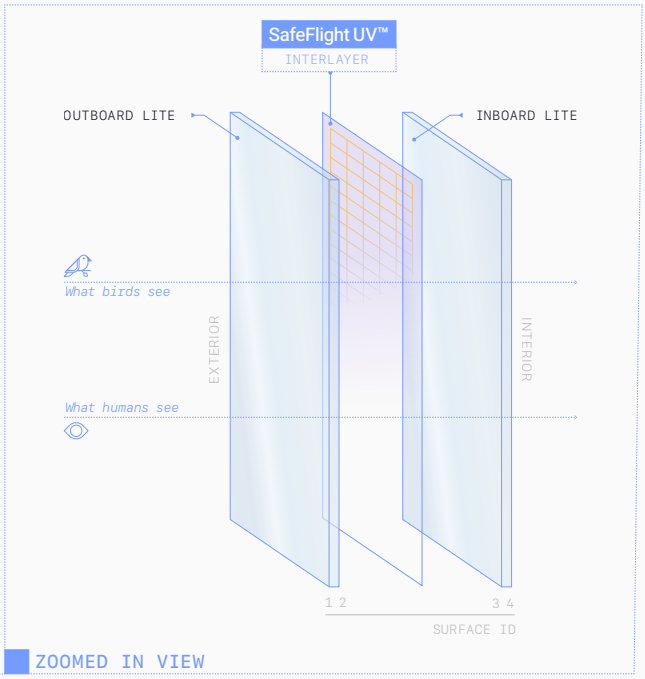
HOW IT WORKS

Traditional IGU



SafeFlight UV™ IGU





ZOOMED IN VIEW

SafeFlight UV™ changes the exterior lite from one piece of glass into a laminated glass assembly. That shifts the cavity-facing coating location from Surface 2 to Surface 4, while gaining all of the benefits of laminated glass.

ACOUSTIC DAMPENING · UV PROTECTION · ENHANCED SAFETY + BIRD FRIENDLY

AVAILABLE CONFIGURATIONS

All configurations are made with Andluca's **SafeFlight UV™** interlayer **Version A06** and are available with PVB interlayer substrate and applicable with heat treated glass (annealed, HS or tempered) for desired impact resistance rating.

THREAT FACTOR →			LOW E COATING →		BASE GLASS →	
THREAT FACTOR →	18	IGU (DUAL PANE) WITH LAMINATED GLASS OUTER LITE	LOW E COATING →	VITRO SOLARBAN® 70 SURFACE 4	BASE GLASS →	CLEAR OR ULTRA-CLEAR
THREAT FACTOR →	20	IGU (DUAL PANE) WITH LAMINATED GLASS OUTER LITE	LOW E COATING →	GUARDIAN SN 62/27 SURFACE 5	BASE GLASS →	CLEAR OR ULTRA-CLEAR
THREAT FACTOR →	25	IGU (DUAL PANE) WITH LAMINATED GLASS OUTER LITE	LOW E COATING →	GUARDIAN SN 62/27 SURFACE 4	BASE GLASS →	CLEAR OR ULTRA-CLEAR
THREAT FACTOR →	27	LAMINATED GLASS	LOW E COATING →	NO	BASE GLASS →	CLEAR OR ULTRA-CLEAR

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QUALITY STANDARDS & CERTIFICATIONS

Impact Safety Rating

ANSI Z97.1 | CPSC 16 CFR 1201

CAN/CGSB-12.1-M

Safety Glazing Certification Council

SGCC

ABC THREAT FACTORS AS LOW AS **18**

SafeFlight UV™ inherits certifications of the base interlayer and adds bird-friendly performance certification.

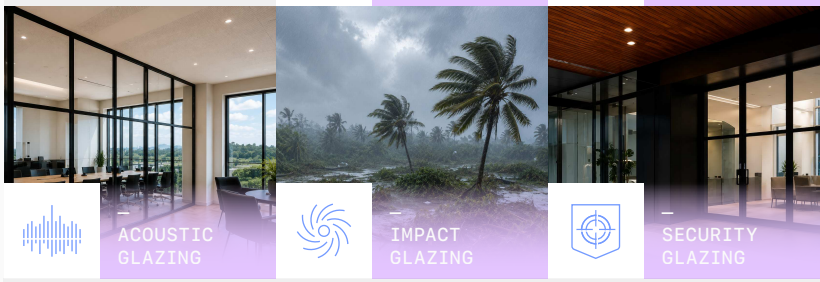
EXAMPLE APPLICATIONS

DESIGNED FOR THE APPLICATIONS WHERE LAMINATED GLASS ALREADY DELIVERS VALUE.



RESIDENTIAL GLAZING

COMMERCIAL GLAZING

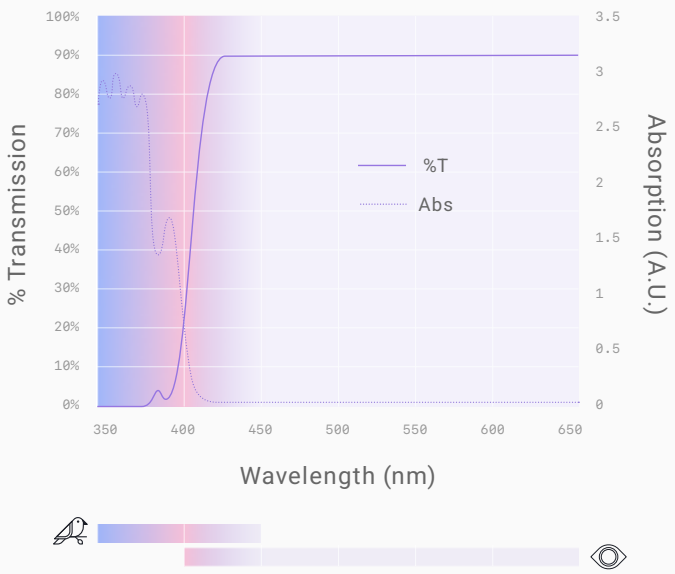


ACOUSTIC GLAZING

IMPACT GLAZING

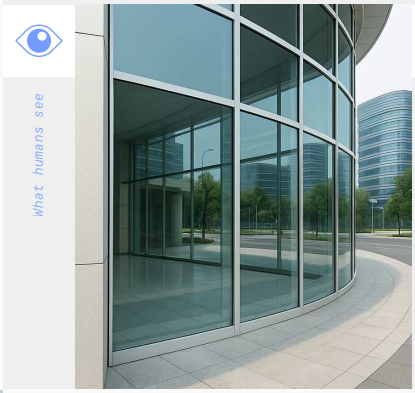
SECURITY GLAZING

SPECTRAL PERFORMANCE



OPTICAL PERFORMANCE

- CIE LAB – Transmission Color
  - L* = 96.61
  - A* = −0.665
  - B* = 0.94
- CRI – 99.963% (400–700nm at 1 Sun)
- % Transmission visible (% Tvis) >91% for ultra clear glass, >83% for clear glass
- % Haze – ~0.6%







Built for fabrication. Designed for adoption.

Integrates into standard laminated glass processes with minimal visual impact and no change to the end-user experience.

To request samples or qualification support, please email us at info@andluca.com

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