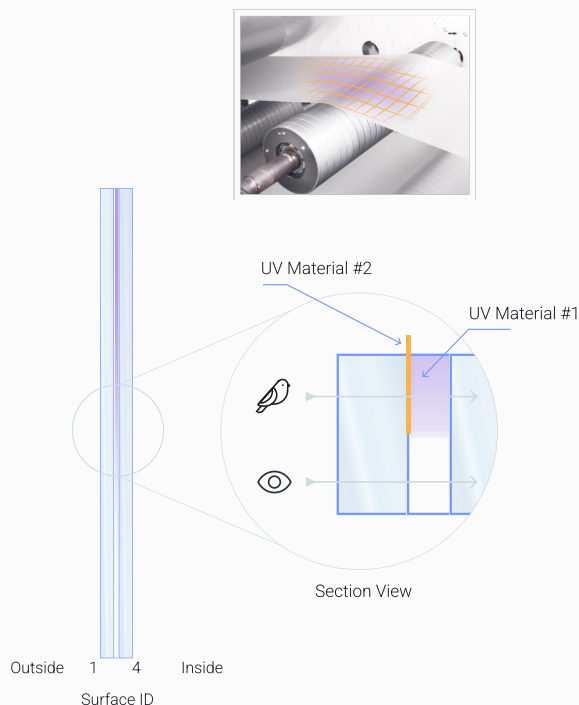
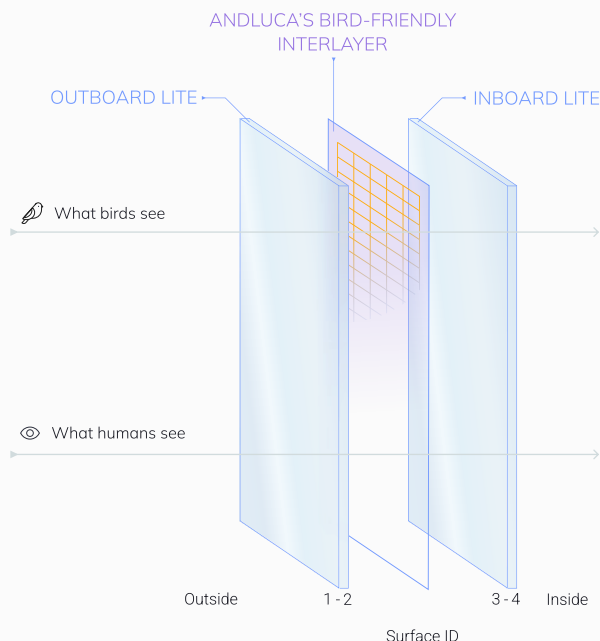




SafeFlight UV™ Interlayer

Bird-Friendly Laminated Interlayer from Andluca

A bird-friendly interlayer for architectural glass laminates that is transparent and color-neutral, making it **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.



ANDLUCA'S INTERLAYER FOR LAMINATED ARCHITECTURAL GLASS



Effectively reduces bird collisions



Color-neutral



Transparent, invisible to humans



Seamlessly integrates into glass



UV pattern, visible to birds

DESIGN SPECIFICATIONS

- Certified for use with clear or low iron glass
- Can be used with other glass coatings (e.g. Low-E, colored glass, etc)
- Applicable with heat treated glass (HS or tempered) for desired impact resistance rating
- Available with PVB or SentryGlas® base interlayer substrate material
- Supplied up to 60" or 1.5m for the shortest glass dimension

EXAMPLE APPLICATIONS

- Guardrails/windcreens
- Security glazing
- Impact (storm) resistant glazing
- Acoustic glazing
- Curtain wall/IGU
- Residential windows



Quality Standards & Certification

SafeFlight UV inherits all certifications of the base interlayer

Laminated Glass Certifications

ANSI Z97.1

Impact Safety Rating

CAN/CGSB-12.1-M

Impact Safety Rating

CPSC 16CFR 1201

Impact Safety Rating

ASTM C1900

Weathering of
Laminated Glass

ASTM C1908

Pummel Adhesion
Test

ASTM C1172

Laminated Glass
Quality Standard

SGCC

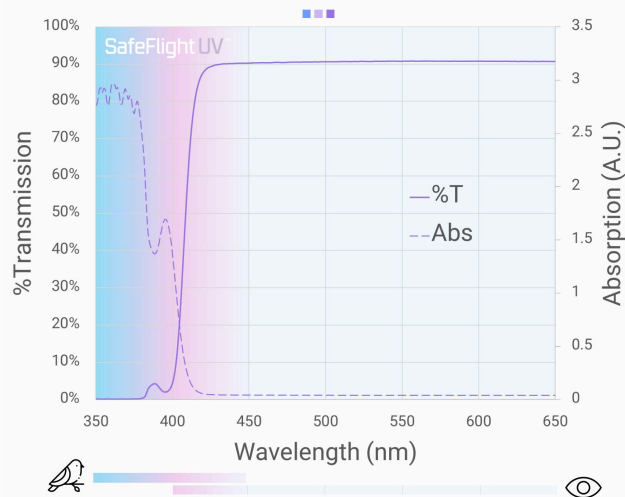
Safety Glazing
Certification Council

American Bird Conservancy
Threat Factor via Tunnel Testing

Achieved “Bird-Friendly”
rating to effectively
reduce collisions

Birds can see in the UV portion
of the light spectrum, detect the
pattern, and avoid collision.

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 ($\% T_{vis}$) - >91% for ultra clear glass, >83% for clear glass
- % Haze - ~0.6%

