

GLASPRO BIRD SAFE - ACID ETCHED

BIRD-FRIENDLY GLASS SOLUTIONS

PRODUCT INFORMATION AND SPECIFICATIONS

Walker AviProtek® patterned acid-etched glass products with markers on the outside surface provide bird collision deterrence properties in exterior glazing applications.

This specification covers the requirements for float glass which has been etched on surface one. The proprietary Walker Textures® process uses a controlled solution of hydrofluoric acid to uniformly etch the surface of the glass. Rigorous process control ensures a repeatable uniformity in appearance.



Walker AviProtek glass products are made from selected float glass which conforms to the following standards:

USA ASTM C 1036-16 Standard Specification for Flat Glass. Quality: Q3 – Stock Sheet

CANADA CAN/CGSB-12.3-M91 National Standard of Canada – Flat, Clear Float Glass. Quality: Glazing

For dimensional tolerances (other than thickness) and edge quality requirements, refer to the specifications cited above. For blemish limits for single-sided etched glass, please refer to specifications cited above. Float glass is normally etched on the “atmosphere” side of the sheet.

LEED POINTS

The U.S. Green Building Councils Leadership in Energy and Environmental Design (LEED) added Credit 55: Bird Collision Deterrence, to their Pilot Credit Library in October 2011. Walker AviProtek glass products can contribute to achieving credit under LEED v4 (and earlier versions) in the categories of Energy and Atmosphere (EA), Materials and Resources (MR), Indoor Environmental Quality (IEQ), Innovation in Design (IN) and Bird Collision Deterrence. For more information on green design and LEED, please visit: <http://www.usgbc.org/>

AVIPROTEK BIRD DETERRENCE PERFORMANCE

Test Method	Product	Threat Factor (*)
Tunnel Tested – American Bird Conservancy	AviProtek Pattern 211 Position 1 – Monolithic	23
Tunnel Tested – American Bird Conservancy	AviProtek Pattern 213 Position 1 – Monolithic	29.8
Tunnel Tested – American Bird Conservancy	AviProtek Pattern 214 Position 1 – Monolithic	30
Field Experiment – Dr. Daniel Klem, Acopian Center for Ornithology, Muhlenberg College, Pennsylvania	AviProtek Pattern 213 Position 1 – Double-glazed unit	5

(*) Percent of times birds will not avoid collision -- May 2017)

AVIPROTEK - BIRD FRIENDLY GLASS

1ST SURFACE SOLUTION



AviProtek Pattern 211
Vertical Acid-etched Lines



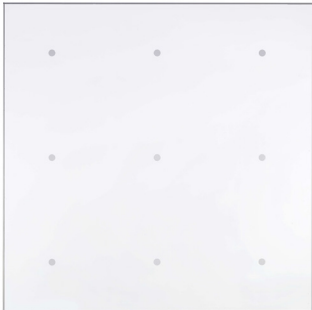
AviProtek Pattern 213
Horizontal Acid-etched Lines



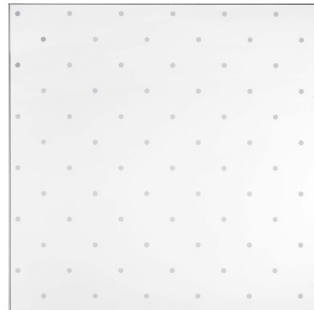
AviProtek Pattern 214
Organic Acid-etched Lines



AviProtek Pattern 215
2" x 2" – 5mm Dots



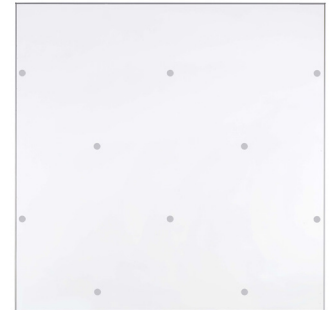
AviProtek Pattern 216
4" x 4" – 6mm Dots



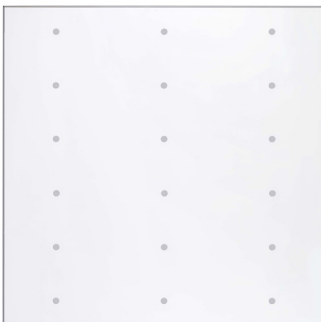
AviProtek Pattern 217
2" x 2" – 5mm Dots



AviProtek Pattern 219
1" x 1" – 4mm Dots



AviProtek Pattern 220
4" x 4" – 6mm Dots



AviProtek Pattern 221
2" x 4" – 5mm Dots

RESOURCES

[Q & A: What is Bird-Safe Glass?](#)

[Take A Minute for Bird-friendly glass](#)

WATCH THE BIRD SAFE VIDEOS TO LEARN MORE

[GlasPro Bird Safe Acid-Etched Glass](#)

[GlasPro Bird Safe Product Line](#)