

Saving Birds' Lives & Energy

Was Never As Easy!



AviProtek® E combines the acid-etch visual markers on the number 1 surface with the Solarban® high performance low-e coatings on **surface 2**, creating the ideal bird friendly glazing solution to preserve birds' lives and energy at the same time!

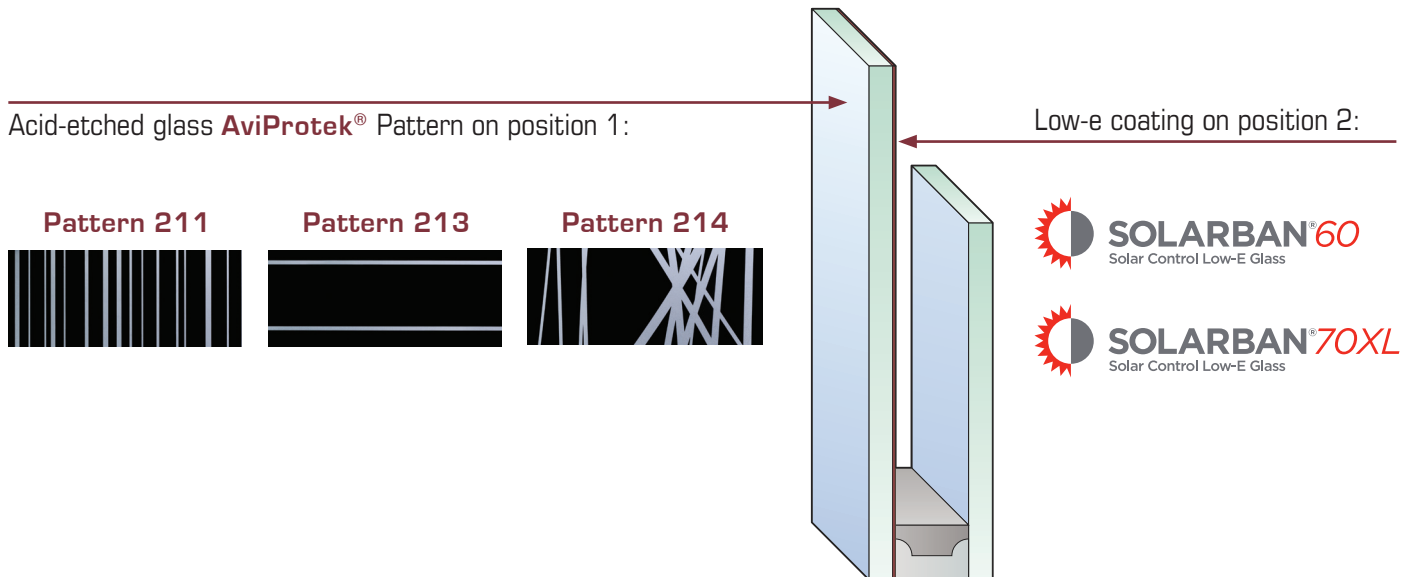


AviProtek® E
Bird Friendly Low-e Coated Acid-etched Glass

Walker Glass and **Vitro Architectural Glass** (formerly PPG) have joined forces to create the first generation of low-e coated acid-etched bird safe glass. This innovation brings the best of both worlds together and will help architects and building owners achieve their environmental goals and earn LEED credits, while meeting solar performance targets.

Key Benefits

- Option to use Solarban® 60 VT or Solarban® 70XL VT glasses by Vitro Glass
- Bird friendly glazing with optimal solar performance
- Plus all the benefits of **AviProtek®**



The Offering

Colors	Clear and Starphire Ultra-Clear™ glass by Vitro Glass
Thickness	6MM
Dimensions	96" x 130" only
Low-e Coatings	Available with Solarban®60 VT and Solarban®70XL VT glasses by Vitro Glass
Patterns	211, 213 and 214
Threat Factors	On position 1: 23 pattern 211; 29.8 pattern 213; 30 pattern 214
Quantity	Subject to minimum quantity
Availability	AviProtek® with Solarban® glass products are only available from members of the Vitro Certified™ Network.
Samples	To order samples please contact our Customer Service Department
Low-e Warranty	For more information, please communicate with Vitro Glass' customer service department.

Acid-Etched Glass Can be Used on Position 1



Acid-etched Glass Properties

To support its use in exterior applications in general and on position 1 in particular, we have conducted several tests to assess **resistance to wear, scratching, staining, and strength** of the acid-etched glass surface. Refer to the chart below for the properties of our four acid-etched glass finishes, indicating equal or better performance compared to unetched glass.

Property / Test	Opaque	Velour	Satin	Satinlite	Float	Unit of Measure	Interpretation
Resistance to Wear ASTM-501	213	210	198	214.86	183.29	Abrasive Wear Index (Ix)	Higher number = better
Resistance to Staining ASTM-1378	A	A	A	A	A	Classification	Higher letter = better
Scratch Hardness MOHs	5	5	6	7	5.5	Base on a scale of 10	Higher number = better

Property / Test	6MM Satin Tempered		6MM Unetched Tempered	Interpretation
	Etched Side in Tension	Unetched Side in Tension		
Modulus of Rupture ASTM-C158	357	351	338	Higher number = better
Maximum Load (pounds)	1.07	1.05	1	Higher number = better
Flexural Strength (psi)	28720	28370	26720	Higher number = better

* The test results do not apply to AviProtek® T products.

10 Year WARRANTY

Limited Warranty on Surface Degradation

Walker warrants, for a period of 10 years, that the **AviProtek®** surface will not degrade, provided that the surface is not subjected to any conditions that would otherwise lead to premature degradation of unetched float glass.

For the complete terms and conditions of the *Walker Textures®* warranty, please contact our architectural experts.

For more information on bird conservation visit any of the following web sites:



ABC
American Bird Conservancy
www.abcbirds.org



FLAP
Fatal Light Awareness Program
www.flap.org

Audubon
www.audubon.org

USGBC - US Green Building Council
Pilot credit 55 - Bird collision deterrence
<http://www.usgbc.org/credits/core-shell-existing-buildings-healthcare-new-construction-retail-nc-schools/v2009/pc55>



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