

# AviProtek® E

Bird-friendly solutions from Walker Glass  
with energy efficient coatings from Vitro Architectural Glass



In collaboration with Vitro Architectural Glass

Architectural Glass



Oregon Zoo, Portland, OR – LEED® Platinum – LEED® Credit 55 Bird Collision Deterrence  
6mm clear glass AviProtek® E pattern 211 on surface 1 with Solarban® 70 on surface 2



University of Saskatchewan, Saskatoon, SK  
6mm clear glass AviProtek® E pattern 217 on surface 1 with Solarban® 70 on surface 2



Pikes Peak, Denver, CO  
6mm clear glass AviProtek® E pattern 213 on surface 1 with Solarban® 70 on surface 2



University of Minnesota, Falcon Heights, MN  
6mm clear glass AviProtek® E pattern 215 on surface 1 with Solarban® 70 on surface 2

# Saving birds and energy!

## Patterns on surface 1

### Squares



226 2" x 2"



227 2" x 4"

### Dots



215 2" x 2"



217 2" x 2"

### Lines



211 Vertical



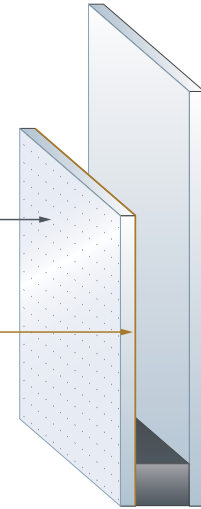
213 Horizontal

Additional pattern options are available at [walkerglass.com](http://walkerglass.com)

## Low-e coatings on surface 2

AviProtek® pattern on surface 1

Vitro low-e coating on surface 2



## Solarban® solar control low-e glass by Vitro Architectural Glass

With a range of options, the Solarban® family of glass products features a clear aesthetic and among the highest light-to-solar gain (LSG) ratios in the industry

	VLT	VLR		NFRCU / Winter		SHGC	LSG
		Ext.%	Int.%	Night-time	Argon		
Solarban®60 (2) + Clear	70	11	12	0.29	0.24	0.39	1.79
Solarban®70 (2) + Clear	64	12	13	0.28	0.24	0.27	2.37



Other coatings are available on demand. Please contact your Walker representative. Due to the low density of the AviProtek patterns, they have no significant impact on the above values.

**Bird collisions** with building glass facades are a leading cause of bird mortality, claiming the lives of hundreds of millions of birds each year. Bird deterrence legislations are now found across North America in cities such as San Francisco, Toronto, and New York.

**AviProtek® E** bird friendly glass combines acid-etched visual markers on surface one with Vitro's Solarban® low-e coatings on surface two. This innovation enables architects and building owners alike to meet any type of legislation found in North America, achieve their environmental goals, and earn LEED® credits.



## A sustainable solution

**AviProtek® E** is the ONLY bird friendly glass product available that possesses both EPD (Environmental Product Declaration) and HPD® (Health Product Declaration). Our environmentally responsible solution allows architects to apply for multiple LEED® points such as Optimize Energy Performance and Pilot Credit 55 for Bird Collision Deterrence, as well as many others. **AviProtek® E** also meets the Buy Clean California Act, AB-262.

## Product Specifications

**Thickness:** 6mm (1/4")

**Dimensions:** 96" x 130" - on demand 72" x 130" or 84" x 130"

**Substrates:** Clear and Starphire Ultra-Clear® glass by Vitro Glass

**Surface:** Etching is to be used on the exterior surface only

**Availability:** AviProtek® E glass products are only available from members of the Vitro Certified™ Network. This is subject to a minimum quantity of one block of 4,000 lb or 1,000 sq ft of glass.

**Energy:** Available with Solarban® 60 VT or Solarban® 70 VT by Vitro Glass. Other coatings are available on demand.

**Applications:** Exterior

**Warranty for the acid-etching:** 10 year limited warranty on surface degradation. For all terms and conditions regarding the warranties on AviProtek® and Walker Textures® glass, please contact our Customer Service Department.

**Warranty for low-e coatings:** For more information, please communicate with the Vitro Glass Customer Service Department.

**WALKER**

Walker Glass Co. Ltd., 9551 Ray Lawson Blvd., Montreal QC H1J 1L5 Canada  
Phone: 514 352.3030 or 1 888 320.3030  
Email: textures@walkerglass.com Website: www.walkerglass.com

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