



**AviProtek®E**

Walker bird friendly glass with Vitro  
high-performance Solarban® low-e



In collaboration with Vitro Architectural Glass



# Proven to be effective time and time again...



Oregon Zoo – Portland, OR – LEED Platinum Certified – LEED Credit 55 Bird Deterrence  
6MM clear glass pattern 211 surface 1 with Solarban® 70 low-e on surface 2



University of Saskatchewan, Saskatoon, SK  
6MM clear glass pattern 217 on surface 1 with Solarban® 70 low-e on surface 2



Boulevard Club, Toronto ON  
6MM clear glass pattern 216 on surface 1 with Solarban® 60 low-e on surface 2



University of Minnesota, Falcon Heights MN  
6MM clear glass pattern 215 on surface 1 with Solarban® 70 low-e on surface 2

# Saving birds and energy!

## Patterns on surface 1



211 Vertical



213 Horizontal



214 Organic



215 2" x 2"



216 4" x 4"



217 2" x 2"

## Low-e coatings on surface 2

### Solarban® Solar Control Low-e Glass Products by Vitro Architectural Glass

Solarban® glass is a spectrally selective glass option which reduces long and short wave (infrared) heat energy, while at the same time allowing visible light to be transmitted through the glass. Solarban® glass products by Vitro Glass let you specify larger spans of glass that maximize natural daylighting without sacrificing thermal efficiency.

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



#### Glass

AviProtek Pattern (1) with	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

Due to the low density of the Aviprotek patterns, they have no significant impact on the above values.

Other coatings are available on demand, please contact your Walker representative.

**Bird collisions** with glass building facades are the major cause of bird mortality, claiming the lives of hundreds of millions of birds each year. The magnitude of the problem is such that an important trend in making buildings safer for birds has emerged across North America. Municipalities, states and provinces have, and continue to enact bird deterrence legislation. Leading scientists have proven that the use of visual markers on the **exterior (1<sup>st</sup>) surface** of the glass provides birds with the best chance to identify a solid barrier and avoid collision. Furthermore, the CSA A460 standard requires the use of visual markers being placed on the exterior (1<sup>st</sup>) surface of the glass.

**The AviProtek® E** bird friendly glass solution combines acid-etched visual markers on the 1<sup>st</sup> surface with Vitro's Solarban® high performance low-e coatings on the 2<sup>nd</sup> surface, creating the most effective bird friendly glazing solution on the market. Architects and building owners alike can now achieve their environmental goals and earn LEED credits while meeting solar performance targets.



## Sustainable solution

**The AviProtek® E** is the ONLY bird friendly glass product available that possesses an EPD – Environmental Product Declaration. Our environmentally responsible solution allows architects to secure an additional LEED point for their projects using Pilot Credit 55 related to bird deterrence. It also meets California building legislation requirement (AB262) to be enacted in 2020.

## Product Specifications

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

**Dimension:** 96" x 130" only

**Substrates:** Clear and Starphire Ultra-Clear™ glass, standard tints available on demand subject to glass availability.

**Availability:** AviProtek® E glass products are only available from members of the Vitro Certified™ Network.

**Quantity:** Subject to a minimum of one block of 4,000 lbs or 1,000 sq ft of glass.

**Low-e:** Available with Solarban® 60 VT, Solarban® 70 VT by Vitro Glass, other coatings are available on demand.

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

**Warranty for the low-e coating:** For more information, please contact the Vitro Glass Customer Service Department.

Solarban, Starphire, Starphire Ultra-Clear, Vitro and Vitro Certified are trademarks owned by Vitro.

**WALKER**

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