



BIRD FRIENDLY GLASS

(AVIPROTEK®, AVIPROTEK® E, AVIPROTEK® T)

AviProtek® products have been developed to reduce the number of bird strikes against buildings where glazing is present. Walker offers three different solutions that meet today's architectural needs.

- AviProtek® - Monolithic bird friendly glass
- AviProtek® E - Low-e coated bird friendly glass
- AviProtek® T - Transparent bird friendly glass

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS

References

AviProtek® et AviProtek®E
Available patterns: 211, 213, 214, 215, 216, 217, 219, 220, 221 and costum.
AviProtek® T
Available patterns: 701, 713, 714 and custom.

Final manufacturing location

Montreal (Quebec) H1J 1L5
CANADA

Composition

Glass

ATTRIBUTES

Recycled content

Pre-consumer: 0 %
Post-consumer: 0 %

Sourcing of raw materials

Data collection from suppliers has been conducted for 100% of products components.

Certified Wood

-

Rapidly renewable materials

-

Biobased materials

-

ENVIRONMENTAL IMPACTS

Life Cycle Assessment August 2019

Reference service life -

Product's carbon footprint -

Environmental Product Declaration

Product-specific (EDP) Type III August 2019 -
ISO 14025:2006 August 2024

INGREDIENTS AND EMISSIONS

Declaration of chemical ingredients 100 ppm

Type of declaration HPD® version 2.2
Health Product Declaration ®

Emission test -

VOC -

Formaldehyde -

Others -

TECHNICAL PERFORMANCES

Performance test

ASTM C1036-16, ASTM C1376-15,
ASTM C1378

Expected life -

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT

ISO 14001 Certification -

Extended Product Responsibility (Take Back Program) -

Corporate Sustainability Report (CSR: GRI, ISO 26000, BNQ 21000 or others) -

CERTIFICATION(S) & CONFORMITIES

Walker Glass is North America's market leader in the development, manufacturing and marketing of acid etched glass substrates and premium quality mirrors. Walker has been growing and evolving since 1942.

9551 Ray Lawson Boulevard, Montreal (Quebec) H1J 1L5 CANADA
www.walkerglass.com

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ENVIRONMENTAL DATA SHEET

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PRODUCT CONTRIBUTION SUMMARY

LEED® v4 requirements for Building Design + Construction (BD+C)

New Construction, Core and Shell, Schools, Retail, Data Centers, Warehouse and Distribution Centers, Hospitality and Healthcare.

LEED® v4 requirements for Interior Design + Construction (ID+C)

Commercial Interiors, Retail and Hospitality

MATERIALS AND RESOURCES		PRODUCT CONTRIBUTIONS	
MR	Building Product Disclosure and Optimization – Environmental Product Declaration (EPD) Option 1 : Environmental Product Declaration (1 point) AviProtek®, AviProtek® E and AviProtek® T glass contributes to this credit due to the product out of the 20 needed for the purposes of credit achievement calculation.	Contribute	ENVIRONMENTAL IMPACTS Product-specific (EDP) Type III compliant to ISO 14025:2006
MR	Building Product Disclosure and Optimization – Material Ingredients Option 1: Material ingredients reporting (1 point) The AviProtek®, AviProtek® E and AviProtek® T glass products contribute to this credit due to the availability of Health Product Declarations®. They are valued as 1 whole product out of the 20 needed for the purposes of credit achievement	Contribute	INGREDIENTS AND EMISSIONS HPD® version 2.2 Health Product Declaration®
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	Low-Emitting Materials Option 1 : Product category calculation (1-3 points) For the product category, walls, thermal and acoustical insulation, 100% of all products must meet the requirements.	Contribute	INGREDIENTS AND EMISSIONS Glazing is excluded from the scope of this credit. Moreover, glass is an inherently non-emitting source.
EQ	Daylight Design to maximize daylight (1-3 points) Consider how best to allocate interior space to ensure that daylight is available in all regularly occupied spaces. Enclosure design and furniture selection will affect daylight penetration.	Contribute	TECHNICAL PERFORMANCES Within an assembly, AviProtek®, AviProtek® E and AviProtek® T may contribute to this credit if design choices are coherent with the credit.
PILOT CREDITS		PRODUCT CONTRIBUTIONS	
PC	Pilot Credit 55 - Bird Collision Deterrence (1 point) Reduce bird injury and mortality from in-flight collisions with buildings.	Contribute	Within an assembly, AviProtek® and AviProtek® E with bird-safe design, patterns 211, 213 and 214, may contribute to this pilot credit according to the specifications of the architect.

It is important to consider that the total amount of possible points reflects the number of achievable points in each credit category. The product itself cannot achieve this score, as defined above, but is considered as a beneficial element in order to achieve LEED® credits.

The data included in this Environmental Data Sheet has been provided by the client and the suppliers, who are responsible for its veracity and its integrity. Vertima follows a rigorous protocol, including an on-site audit of the factory, an audit of the manufacturer's supply chain documentation, and the analysis and validation of all supporting documents. However, Vertima cannot be held responsible for false or misleading information that may cause any loss or damage suffered, caused in all or in part, by errors and omissions relative to the collection, compilation and/or interpretation of data.

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