



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	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
References AviProtek® and AviProtek® E Available patterns: 211, 213, 214, 215, 216, 217, 219, 220, 221 and costum. AviProtek® T Available patterns:701, 713, 714 and costum.	Life Cycle Assessment August 2019 Reference service life - Product's carbon footprint - Environmental Product Declaration Product-specific EPD, Type III ISO 14025:2006 August 2019 to August 2024	Performance tests ASTM C1036-16, ASTM C1376-15, ASTM C1378.
Final manufacturing location Montreal, QC H1J 1L5 CANADA		MANUFACTURER'S ENVIRONMENTAL MANAGEMENT
Composition Glass.		ISO 14001 Certification -
ATTRIBUTES	INGREDIENTS AND EMISSIONS	Extended Product Responsibility (Take Back Program) -
Recycled content Pre-consumer: 0% Post-consumer: 0%	Declaration of chemical ingredients 100 ppm	Corporate Sustainability Report (CSR: GRI, ISO 26000, BNQ 21000 or others) -
Sourcing of raw materials Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.	Type of declaration HPD® version 2.2 Health Product Declaration® January 2021 to January 2024	CERTIFICATION(S) & CONFORMITIES
Certified Wood -	Emissions test -	
Rapidly renewable materials -	VOC -	
Biobased materials -	Formaldehyde -	
	Others -	

Walker Glass Company Ltd. is a dynamic market-driven enterprise with over 75 years of experience in the glass and mirror industry in North America. Since 2002, Walker has been a leader in the production of acid-etched glass and mirror; it offers a multitude of product lines that respond to today's demanding market needs. Innovation and creativity are at the heart of its development.

9551 Ray Lawson Blvd, Montreal QC H1J 1L5 CANADA
www.walkerglass.com

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 Validated Eco-Declaration : VED17-1079-03
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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) The product contributes to this credit due to the availability of an industry-wide Type III EPD and are valued as 1 whole product out of the 20 needed for the purposes of credit achievement.	Contribute	ENVIRONMENTAL IMPACTS Industry-wide Type III EPD compliant to ISO 14025:2006
MR	Building Product Disclosure and Optimization – Material Ingredients Option 1: Material ingredients reporting (1 point) The product contributes 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) Number of points is dependent on the LEED® rating system and the number of compliant categories. Products that are inherently nonemitting sources of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood) are considered fully compliant without any VOC emissions testing if they do not include integral organic-based surface coatings, binders, or sealants.	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. Possible design strategies include the following: Use transparent partitions or interior glazing to provide daylight to enclosed spaces. Unlike the BD+C rating system, ID+C rating system includes any permanent interior obstructions as well as moveable furniture and partitions	Contribute	TECHNICAL PERFORMANCES Within an assembly, glass 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, glass with bird-safe design may contribute to this pilot credit.

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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