



SEALED UNITS

Laurier Architectural offers a vast range of energy efficient glass, high quality interlayers and multiple options to customize insulating glazing.

All sealed units are double sealed, made in a professional manner using a sealer robot.

VALIDATED ECO-DECLARATION

©Copyright 2016 Vertima inc.

PRODUCT SPECIFICATIONS

References
Sealed units

Final manufacturing location
Laurier-Station, QC G0S 1N0 CANADA
Anjou, (QC H1J 1K9 CANADA)

Components
Glass, spacer bar, desiccant, primary seal PIB, secondary seal polysulfide or silicone, coating and argon gas.

ATTRIBUTES

Recycled Content
Pre-consumer: 0% - 9.1%
Post-consumer: 0% - 6.1%

Sourcing of raw materials
Data collection from suppliers has been conducted for the product components aligned with each specific environmental analysis.

Certified Wood -

Rapidly renewable materials -

Biobased materials -

ENVIRONMENTAL IMPACTS

Life Cycle Assessment Octobre 2018

Reference service life -

Product's carbon footprint Octobre 2018

Environmental Product Declaration
ISO 14025:2006 November 2018
to November 2023

INGREDIENTS AND EMISSIONS

Declaration of chemical ingredients 1,000 ppm

Type of declaration HPD® version 2.2
Health Product Declaration®
Under renewal

Emission test -

COV -

Formaldehyde -

Others -

TECHNICAL PERFORMANCES

Performance tests
ASTM E 2190

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT

Certification ISO -

Extended Producer Responsibility (Take Back Program) -

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

CERTIFICATIONS AND CONFORMITIES



Founded in 1950, Laurier Architectural is part of the Novatech group. Over the years, the company has developed an expertise in different glass products from value-added sealed units to spandrels, heat treated glass, laminated glass and decorative glass. As a partner of excellence, we help customers and architects to stand out with a unique and innovative image.

153, Laurier blvd, Laurier-Station, QC G0S 1N0 CANADA
www.laurier.net

MasterFormat®: **08 80 50**

Validated Eco-Declaration:

VED18-1018-03

Original issue date: **03/2013**

Period of validity: **11/2021 to 11/2022**



ENVIRONMENTAL DATA SHEET

SEALED UNITS

PRODUCT CONTRIBUTION SUMMARY

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

New Construction, Core and Shell, School, 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) Sealed units contribute to this credit due to the availability of a product-specific EPD (Type III) and is valued as 1 whole product out of the 20 needed for the purposes of credit achievement calculation.	Contribute	ENVIRONMENTAL IMPACTS Product-specific EPD (Type III) compliant with ISO 14025:2006
			ATTRIBUTES Recycled Content Pre-consumer (0% - 9.1%) Post-consumer (0% - 6.1%)
MR	Building Product Disclosure and Optimization – Sourcing of Raw Materials Option 2: Leadership extraction practices (1 point) May also contribute to the location valuation factor if the product is sourced (extracted, manufactured, purchased) within 160 km of the project site.	Contribute	INGREDIENTS AND EMISSIONS HPD® version 2.2 Health Product Declaration® Under renewal
			INGREDIENTS AND EMISSIONS HPD® version 2.2 Health Product Declaration® Under renewal
MR	Building Product Disclosure and Optimization – Material Ingredients Option 1: Material ingredients reporting (1 point) Sealed units contribute to this credit due to the availability of Health Product Declarations® and is valued as 1 whole product out of the 20 needed for the purposes of credit achievement calculation.	Will contribute once the HPD is published	INGREDIENTS AND EMISSIONS HPD® version 2.2 Health Product Declaration® Under renewal
			INGREDIENTS AND EMISSIONS HPD® version 2.2 Health Product Declaration® Under renewal
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.	Do not contribute ¹	INGREDIENTS AND EMISSIONS ¹ Must be tested and determined compliant to the California Department of Public Health (CDPH) Standard Method v1.2-2017.
			TECHNICAL PERFORMANCES Within an assembly, Monolithic Glass may contribute to this credit if design choices are coherent with the credit.
EQ	Daylight (1-3 points) Design to maximize daylight 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	INGREDIENTS AND EMISSIONS HPD® version 2.2 Health Product Declaration® Under renewal
			INGREDIENTS AND EMISSIONS HPD® version 2.2 Health Product Declaration® Under renewal
PILOT CREDITS		PRODUCT CONTRIBUTIONS	
PC	Pilot Credit 55 - Bird Collision Deterrence Reduce bird injury and mortality from in-flight collisions with buildings. (1 point)	Contribute	Within an assembly, laminated glass with bird-safe design may contribute to this pilot credit.

It is important to note that the points identified above are linked with each of the credits where the product contributes as part of a LEED® v4 certification process. The product itself is only one element among others to reach the target score.

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/or omissions relative to the collection, compilation and/or interpretation of data.

Copyright© 2016 by Vertima Inc.

Validated Eco-Declaration :
VED18-1018-03
 Period of validity:
11/2021 to 11/2022

