

Strength of expertise



STEEL DOOR


Over the years, Métalec Steel Doors and Frames has forged a solid reputation in the field of steel door manufacturing for commercial, industrial and institutional projects.

Models:

- Satin Finish Steel Door with Honeycomb Core
- Stainless Steel Door with Honeycomb Core
- R-12.9 Insulated Steel Door
- Lead-Lined RX Steel Door
- R-8.75 Insulated Steel Door
- Steel Door with Temperature Rise Core (PCR)

VALIDATED ECO-DECLARATION

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PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
<p>Reference Steel Door 18 GA, satin finish, 36" x 84" x 13/4"</p> <p>Final manufacturing locations 2150 Leon Harmel Street, Quebec, Quebec G1N 4L2 CANADA 7800 Bombardier Street, Anjou, Quebec H1J 2G3 CANADA</p> <p>Composition Carbon steel, stainless steel, lead sheet, hinge reinforcements, lock reinforcements, full honeycomb core, tempcore, polyisocyanurate, polystyrene insulation, adhesive, epoxy glue, paint (for touch-ups).</p>	<p>Life Cycle Assessment -</p> <p>Product's carbon footprint -</p> <p>Environmental Product Declaration ISO 14025:2006 -</p>	<p>Performance tests Compliance with steel and stainless steel standards ASTM A 653 / A 653M, NA AMM, HMMA 803, ASTM A 240 / A 240M. Fire resistance testing CAN/ULC-S104-M80, UBC7-2 (1994), UL10 (b), NFPA252, NFPA80, CSDMA, NAAMM, HMMA ASTM E152.</p>
ATTRIBUTES	INGREDIENTS AND EMISSIONS	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT
<p>Recycled content Pre-consumer: 9.0% - 21.7% Post-consumer: 13.9% - 35.0%</p> <p>Sourcing of raw materials Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.</p> <p>FSC® -</p> <p>Rapidly renewable materials -</p> <p>Biobased materials -</p>	<p>Declaration of chemical ingredients 1,000 ppm</p> <p>Type of declaration HPD® version 2.2 Health Product Declaration® September/2021 to September/2024</p> <p>Emission test CDPH Test compliance</p> <p>VOC Paint (for touch-ups) 83 g/L Adhesive 127 g/L Epoxy glue <20 g/L (All products are applied at the plant)</p> <p>Formaldehyde -</p> <p>Other -</p>	<p>ISO 14001 Certification -</p> <p>Extended Producer Responsibility (Take Back Program) -</p> <p>Corporate Sustainability Report - (CSR: GRI, ISO 26000, BNQ 21000 or other)</p>
		CERTIFICATIONS & CONFORMITY REPORTS
		

Métalec manufactures steel doors and frames for commercial, industrial and institutional projects. Models offered include fire-rated steel doors, security doors, soundproof doors, stainless steel doors, insulated doors and steel frames.

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Period of validity: **09/2021 to 09/2022**



ENVIRONMENTAL DATA SHEET

STEEL DOOR

SUMMARY OF PRODUCT CONTRIBUTIONS

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

New Constructions, Core and Shell, Schools, Retail, Data Centers, Warehouses and Distribution Centers, Hospitality and Health Care Establishments.

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

Commercial Interiors, Retail and Hospitality.

MATERIALS AND RESOURCES		PRODUCT CONTRIBUTIONS	
MR	Building Product Disclosure and Optimization – Sourcing of Raw Materials Option 2: Best extraction practices (1 point) The steel door may also contribute to the location valuation factor if the product is sourced (extracted, manufactured, purchased) within a 160-km radius of the project site.	Contribute	ATTRIBUTES Recycled content - Variable depending on product Pre-consumer (9.0% - 21.7%) Post-consumer (13.9% - 35.0%)
			MR
INTERIOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
IEQ	Low-Emitting Products Option 1: Product category calculation (1-3 points) The number of points depends on the LEED® rating system chosen and the number of compliance categories.	Contribute ¹	INGREDIENTS AND EMISSIONS ¹ The Satin Finish Steel Door with Honeycomb Core and the R-12.9 Insulated Steel Door comply with the California Department of Public Health (CDPH) Standard Method v1.2-2017.

Note that the total number of possible points indicates the number of achievable points in each credit category where the specific product may contribute. The product itself cannot achieve this score, as defined above, but is considered as a beneficial element in all building components used 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, in all or in part, caused by errors and omissions relative to data collection, compilation and/or interpretation. The analysis protocol used by Vertima is available on request.

