

**Strength** of expertise



**SOUNDPROOF STC 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.

Métalec's Soundproof Steel Frames and Doors are necessary in commercial buildings to ensure confidentiality and to control noise intrusion in auditoriums, offices, hospitals, schools and apartments.

Models:

- STC-42
- STC-44

**VALIDATED ECO-DECLARATION**

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PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
<p><b>References</b> Soundproof Steel Door 16 GA satin finish 36" x 84" x 1 3/4"</p> <p><b>Final manufacturing locations</b> 2150 Leon Harmel Street, Quebec, Quebec G1N 4L2 CANADA 7800 Bombardier Street, Anjou, Quebec H1J 2G3 CANADA</p> <p><b>Composition</b> Carbon steel 16 GA, anti-vibration liquid, gypsum, carbon steel 18 GA vertical stiffeners, Sonopan panel, compressed fiberglass, hinge reinforcements, adhesive, lock reinforcements, paint (for touch-ups).</p>	<p><b>Life Cycle Assessment</b> -</p> <p><b>Product's carbon footprint</b> -</p> <p><b>Environmental Product Declaration</b> ISO 14025:2006 -</p>	<p><b>Performance tests</b> Compliance with steel standards: ASTM A 653 / A 653M Compliance with acoustic standards: ASTM E 336, ASTM E 413, ASTM C 423. Fire resistance testing: CSDMA, NAAMM, CAN/ULC-S104-M80, UL10 (b), NFPA252, NFPA80, ASTM E 152.</p>
<p><b>ATTRIBUTES</b></p> <p><b>Recycled content</b> Pre-consumer: 13.0% Post-consumer: 25.0%</p> <p><b>Sourcing of raw materials</b> Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.</p> <p><b>FSC®</b> -</p> <p><b>Rapidly renewable materials</b> -</p> <p><b>Biobased materials</b> -</p>	<p><b>INGREDIENTS AND EMISSIONS</b></p> <p><b>Declaration of chemical ingredients</b> 1,000 ppm</p> <p><b>Type of declaration</b> HPD® version 2.2 Health Product Declaration® September/2021 to September/2024</p> <p><b>Emission test</b> -</p> <p><b>VOC</b> 83 g/L Paint (for touch-ups) 127 g/L Adhesive 37 g/L Anti-vibration liquid (All products are applied at the plant)</p> <p><b>Formaldehyde</b> -</p> <p><b>Other</b> -</p>	<p><b>MANUFACTURER'S ENVIRONMENTAL MANAGEMENT</b></p> <p><b>ISO 14001 certification</b> -</p> <p><b>Extended Producer Responsibility</b> (Take Back Program) -</p> <p><b>Corporate Sustainability Report</b> (CSR: GRI, ISO 26000, BNQ 21000 or other) -</p> <p><b>CERTIFICATIONS AND CONFORMITY REPORTS</b></p>

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.

Quebec Division: 2150 Leon Harmel Street, Quebec, Quebec G1N 4L2 CANADA  
Montreal Division: 7800 Bombardier Street, Anjou, Quebec H1J 2G3 CANADA  
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### 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	<b>Building Product Disclosure and Optimization – Sourcing of Raw Materials</b> Option 2: Best extraction practices (1 point) The Soundproof STC 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	<b>ATTRIBUTES</b> Recycled content - Variable depending on product : Soundproof STC-42 Steel Door: Pre-consumer (13.0%) Post-consumer (25.0%) Soundproof STC-44 Steel Door: Pre-consumer (11.8%) Post-consumer (18.3%)
			<b>INGREDIENTS AND EMISSIONS</b> HPD® version 2.2 Health Product Declaration®
MR	<b>Building Product Disclosure and Optimization – Material Ingredients</b> Option 1: Materials Ingredients Reporting (1 point) The Soundproof STC Steel Door contributes with its <i>Health Product Declaration®</i> and is valued as 1 whole product out of the 20 needed for credit achievement calculation purposes.	Contribute	<b>INGREDIENTS AND EMISSIONS</b> HPD® version 2.2 Health Product Declaration®
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INTERIOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
IEQ	<b>Low-Emitting Products</b> 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.	Do not contribute <sup>1</sup>	<b>INGREDIENTS AND EMISSIONS</b> <sup>1</sup> Must be tested and determined compliant with the California Department of Public Health (CDPH) Standard Method v1.2-2017.
			<b>INGREDIENTS AND EMISSIONS</b> <sup>1</sup> Must be tested and determined compliant 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.

**Soundproof STC Steel Doors help optimize a building's acoustic performance.**

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.

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