



## 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

| PRODUCT SPECIFICATIONS                                                                                                                                                                                                                 | ENVIRONMENTAL IMPACTS                                                                                                                     | TECHNICAL PERFORMANCES                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>References</b><br>Soundproof Steel Door 16 GA satin finish 36" x 84" x 1 3/4"                                                                                                                                                       | <b>Life Cycle Assessment</b> -                                                                                                            | <b>Performance tests</b><br>Compliance with steel standards:<br>ASTM A 653 / A 653M<br>Compliance with acoustic standards:<br>ASTM E 336, ASTM E 413, ASTM C 423.<br>Fire resistance testing:<br>CSDMA, NAAMM, CAN/ULC-S104-M80, UL10 (b), NFPA252, NFPA80, ASTM E 152. |
| <b>Final manufacturing location</b><br>2150 Leon Harmel Street, Quebec, Quebec G1N 4L2 CANADA<br>7800 Bombardier Street, Anjou, Quebec H1J 2G3 CANADA                                                                                  | <b>Reference service life</b> -                                                                                                           |                                                                                                                                                                                                                                                                         |
| <b>Composition</b><br>Carbon steel 16 GA, anti-vibration liquid, gypsum, carbon steel 18 GA vertical stiffeners, Sonopan panel, compressed fiberglass, hinge reinforcements, adhesive, lock reinforcements, and paint (for touch-ups). | <b>Product's carbon footprint</b> -                                                                                                       |                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                        | <b>Environmental Product Declaration</b><br>EPD, Type III<br>ISO 14025:2006 -                                                             |                                                                                                                                                                                                                                                                         |
| ATTRIBUTES                                                                                                                                                                                                                             | INGREDIENTS AND EMISSIONS                                                                                                                 | MANUFACTURER'S ENVIRONMENTAL MANAGEMENT                                                                                                                                                                                                                                 |
| <b>Recycled content</b><br>Pre-consumer: 13.0% - 14.2%<br>Post-consumer: 22.1% - 25.0%                                                                                                                                                 | <b>Declaration of chemical ingredients</b> 1,000 ppm                                                                                      | <b>ISO 14001 Certification</b> -                                                                                                                                                                                                                                        |
| <b>Sourcing of raw materials</b><br>Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.                                                                   | <b>Type of declaration</b> HPD® version 2.3<br>Health Product Declaration®<br>May 2025 to May 2028                                        | <b>Extended Product Responsibility</b> -<br>(Take Back Program)                                                                                                                                                                                                         |
| <b>Certified Wood</b> -                                                                                                                                                                                                                | <b>Emissions test</b> -                                                                                                                   | <b>Corporate Sustainability Report</b> -<br>(CSR: GRI, ISO 26000, BNQ 21000 or others)                                                                                                                                                                                  |
| <b>Rapidly renewable materials</b> -                                                                                                                                                                                                   | <b>VOC</b><br>Paint (for touch-ups) 83 g/L<br>Adhesive 127 g/L<br>Anti-vibration liquid 37 g/L<br>(All products are applied at the plant) |                                                                                                                                                                                                                                                                         |
| <b>Biobased materials</b> -                                                                                                                                                                                                            | <b>Formaldehyde</b> -                                                                                                                     |                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                        | <b>Others</b> -                                                                                                                           |                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                        |                                                                                                                                           | <b>CERTIFICATION(S) &amp; CONFORMITIES</b>                                                                                                                                                                                                                              |

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 fraes.

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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# ENVIRONMENTAL DATA SHEET

## SOUNDPROOF STC STEEL DOOR

### 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                           | <b>Building Product Disclosure and Optimization<br/>— Sourcing of Raw Materials</b><br><b>Option 2: Leadership extraction practices (1 point)</b><br>Product meets at least one of the responsible extraction criteria: recycled content, wood product certification, biobased materials, extended producer responsibility.                              | Contribute            | <b>ATTRIBUTES</b><br>Recycled content - Variable depending on product.<br>Soundproof STC-42 Steel Door:<br>Pre-consumer: 13.0%<br>Post-consumer: 25.0%<br>Soundproof STC-44 Steel Door:<br>Pre-consumer: 14.2%<br>Post-consumer: 22.1% |
| MR                           | <b>Building Product Disclosure and Optimization<br/>— Material Ingredients</b><br><b>Option 1: Material ingredients reporting (1 point)</b><br>The product contributes to this credit due to the availability of a Health Product Declaration® and is valued as 1 whole product out of the 20 needed for the purposes of credit achievement calculation. | Contribute            | <b>INGREDIENTS AND EMISSIONS</b><br>HPD® version 2.3<br>Health Product Declaration®                                                                                                                                                    |
| INDOOR ENVIRONMENTAL QUALITY |                                                                                                                                                                                                                                                                                                                                                          | PRODUCT CONTRIBUTIONS |                                                                                                                                                                                                                                        |
| EQ                           | <b>Low-Emitting Materials</b><br><b>Option 1: Product category calculation (1-3 points)</b><br>Number of points is dependent on the LEED® rating system and the number of compliant categories.                                                                                                                                                          | Does not contribute   | <b>INGREDIENTS AND EMISSIONS</b><br>The product was not tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method(CDPH) v1.2-2017.                                              |

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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