



STEEL FRAME

Attentive to detail, Métalec Steel Doors and Frames designs its steel frames in accordance with the quality standards for manufacturing and finishing required by industry professionals. By design, frames can be made in different ways, ranging from knockdown frames to welded, thermal break and architectural.

Whether standard or customized, Métalec Steel Doors and Frames can provide you with frames adapted to any project.

Models:

- Knockdown Steel Frame
- Welded Steel Frame

Other models available:

- Thermal Break Frame
- Architectural Frame

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS

References

Knockdown steel frame 16 GA satin finish 36" x 84" x 5³/₄"

Welded steel frame 16 GA satin finish 36" x 84" x 5³/₄"

Final manufacturing location

2150 Leon Harmel Street, Quebec, Quebec
G1N 4L2 CANADA

7800 Bombardier Street, Anjou, Quebec
H1J 2G3 CANADA

Composition

Carbon steel 16 GA, welding, fasteners, hinge reinforcements, strike reinforcement, and paint (for touch-ups).

ATTRIBUTES

Recycled content

Pre-consumer: 20.9% - 22.0%

Post-consumer: 32.2% - 34.0%

Sourcing of raw materials

Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.

Certified Wood

-

Rapidly renewable materials

-

Biobased materials

-

ENVIRONMENTAL IMPACTS

Life Cycle Assessment

-

Reference service life

-

Product's carbon footprint

-

Environmental Product Declaration

EPD, Type III

ISO 14025:2006

-

INGREDIENTS AND EMISSIONS

Declaration of chemical ingredients

1,000 ppm

Type of declaration

HPD® version 2.3

Health Product Declaration®

May 2025 to May 2028

Emissions test

-

VOC

83 g/L

Paint (for touch-ups)
(Paint is applied at the plant)

Formaldehyde

-

Others

-

TECHNICAL PERFORMANCES

Performance tests

Compliance with steel standards:

ASTM A 653/A 653M

Fire resistance testing:

CAN/ULC-S104-M80, UBC7-2 (1994),

UL10 (b), NFPA252, NFPA80, CSDMA,

NAAMM, HMMA, ASTM E 152.

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT

ISO 14001 Certification

-

Extended Product Responsibility

(Take Back Program)

-

Corporate Sustainability Report

(CSR: GRI, ISO 26000, BNQ 21000 or others)

-

CERTIFICATION(S) & CONFORMITIES

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

www.metaltec.com

Master Format : 08 11 00

Validated Eco-Declaration : EDV17-1081-01

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Period of validity : 2026/05 to 2027/05

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ENVIRONMENTAL DATA SHEET

STEEL FRAME

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 – Sourcing of Raw Materials Option 2: Leadership extraction practices (1 point) Product meets at least one of the responsible extraction criteria: recycled content, wood product certification, biobased materials, extended producer responsibility.	Contribute	ATTRIBUTES Recycled content - Variable depending on product. Knockdown Steel Frame: Pre-consumer: 21.5% - 22.0% Post-consumer: 33.1% - 34.0% Welded Steel Frame: Pre-consumer: 20.9% - 21.2% Post-consumer: 32.2% - 32.7%
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 a Health Product Declaration® and is valued as 1 whole product out of the 20 needed for the purposes of credit achievement calculation.	Contribute	INGREDIENTS AND EMISSIONS HPD® version 2.3 Health Product Declaration®
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	Low-Emitting Materials Option 1: Product category calculation (1-3 points) The number of points depends on the LEED® rating system chosen and the number of compliant categories.	Does not contribute	INGREDIENTS AND EMISSIONS 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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