








NON-INSULATED STEEL ACCESS DOOR

Non-insulated access doors are built in order to access anything that is found behind a wall or a ceiling. Since the elements that are located behind such walls or ceilings vary immensely, Cendrex's access doors are available in different dimensions and materials. In addition, different options are also complementary to this product.

Model: General purpose access door

VALIDATED ECO-DECLARATION

©Copyright 2016 Vertima inc.

| PRODUCT SPECIFICATIONS | ENVIRONMENTAL IMPACTS | TECHNICAL PERFORMANCES |
|--|--|---|
| References AHA, AHA-GYP, AHA-PLY, AHD, AHD-GYP, AHD-PLY, AHD-SS, CTR, CTR-MAG, DRD, DRD-GYP, DRD-PLY, EDG-GYP, LHD, LHD-GYP, LHD-PLY, MDS, PFN, PFN-GYP, PFN-PLY, PHS, RMD, SFM, FLE. | Life Cycle Assessment - Reference service life - Product's carbon footprint - | Performance tests See page 7 |
| Final manufacturing location Montreal, QC H1E 6N6 CANADA | Environmental Product Declaration ISO 14025:2006 - | MANUFACTURER'S ENVIRONMENTAL MANAGEMENT |
| Components Stainless steel or satin coat steel or cold rolled steel, frame galvanized (FLE), bracket cold rolled (FLE), plastic corner (FLE), corner bead (GYP) plaster flange (PLY), screw driver cam latch, hardware, powder coat (except AHD-SS). | INGREDIENTS AND EMISSIONS | ISO 14001 Certification - |
| ATTRIBUTES | Declaration of chemical ingredients 1,000 ppm | Extended Producer Responsibility (Take Back Program) - |
| Recycled Content Pre-consumer: 0% - 26.9% Post-consumer: 23.0% - 66.7% | Type of declaration HPD® version 2.1 Health Product Declaration® | Corporate Sustainability Report (CSR : GRI, ISO 26000, BNQ 21000 or others) - |
| Sourcing of raw materials The source of extraction and/or location of raw materials has been documented for 0% to 68.7% of final product weight. | Emission test - | CERTIFICATIONS AND CONFORMITIES |
| FSC® Certification - | VOCs - |    |
| Rapidly renewable materials - | Formaldehyde - |  |
| Biobased materials - | Others - |  |

Since 1985, Cendrex has been designing and manufacturing high quality standard and non-standard access doors, roof hatches, floor hatches and cabinets. Cendrex's products are available locally throughout North America, due to an extensive distribution network of major construction material distributors and strategically located warehouses.

11303, 26^e avenue, Montreal, QC, H1E 6N6 CANADA
<http://www.cendrex.com/index.php>

MasterFormat®: **08 11 00**
 Validated Eco-Declaration: **VED18-1006-02**
 Original issue date: **10/2013**
 Period of validity: **03/2018 to 03/2019**

ENVIRONMENTAL DATA SHEET

NON-INSULATED STEEL ACCESS DOOR



AHD



Models: AHD
Dimensions
Minimum: 4" X 4" (101,6 mm X 101,6 mm)
Maximum: W x H ≤ 1296 in²; W max = 36" (924,4 mm); H max = 48" (1219 mm)
Material: 16 gauge cold rolled steel
Hinge: Hidden pin hinge continuous piano type on doors over 24" (height or width)
Lock/latch: Screwdriver operated cam latch
Finish: High quality white powder coat primer
Packaging: Individually wrapped, 1 per box

CTR



Models: CTR
Dimensions
Minimum: 8 1/4" X 6" (210 mm X 152 mm)
Maximum horizontal installation: W x H ≤ 960 in²; W max = 48" (1219 mm); H max = 48" (1219 mm)
Maximum vertical installation: 48" X 48" (1219 mm X 1219 mm)
Characteristics
Material: 16 gauge cold rolled steel / For AHD-SS: 16 gauge stainless steel
Hinge: Concealed, exclusive hinge design
Lock/latch: Screwdriver operated cam latch
Finish: High quality white powder coat primer
Packaging: Individually wrapped, 1 per box

ATTRIBUTES

RECYCLED CONTENT

| Final product | Weight ratio | Pre-consumer | Post-consumer | Final product | Weight ratio | Pre-consumer | Post-consumer |
|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|
| AHA | 100% | 26.5% | 41.2% | EDG-GYP | 100% | 26.3% | 41.8% |
| AHA-GYP | 100% | 26.3% | 41.8% | LHD | 100% | 25.8% | 40.1% |
| AHA-PLY | 100% | 26.0% | 41.8% | LHD-GYP | 100% | 25.3% | 40.3% |
| AHD | 100% | 26.2% | 40.7% | LHD-PLY | 100% | 25.3% | 40.3% |
| AHD-GYP | 100% | 26.3% | 41.8% | MDS | 100% | 26.3% | 41.0% |
| AHD-PLY | 100% | 26.3% | 41.8% | PFN | 100% | 25.5% | 39.7% |
| AHD-SS | 100% | 18.8% | 66.7% | PFN-GYP | 100% | 25.3% | 40.3% |
| CTR | 100% | 26.5% | 41.2% | PFN-PLY | 100% | 25.3% | 40.3% |
| CTR-MAG | 100% | 26.2% | 40.7% | PHS | 100% | 26.3% | 41.0% |
| DRD | 100% | 25.5% | 39.7% | RMD | 100% | 26.9% | 41.8% |
| DRD-GYP | 100% | 25.3% | 40.3% | SFM | 100% | 26.5% | 41.2% |
| DRD-PLY | 100% | 25.3% | 40.3% | FLE | 100% | 0% | 23.0% |

| Component (with recycled content) | Weight ratio | Pre-consumer | Post-consumer |
|--|---------------|--------------|---------------|
| Stainless Steel ¹ | 97.5% | 19.0% | 68.0% |
| Satin Coat Steel ² | 97.5% | 27.0% | 42.0% |
| Cold Rolled Steel - supplier ³ | 92.5% - 97.5% | 27.0% | 42.0% |
| Cold Rolled Steel / Door panel - supplier ⁴ | 74.5% | 0% | 25.0% |
| Frame Galvanized ⁴ | 13.8% | 0% | 25.0% |
| Bracket Cold Rolled ⁴ | 3.8% | 0% | 25.0% |
| Corner bead (GYP) ⁵ | 2.0% | 17.8% | 74.3% |
| Plaster flange (PLY) ⁶ | 2.0% | 17.8% | 74.3% |
| Screw driver cam latch ⁷ | 1.0% - 2.0% | 27.0% | 42.0% |

¹AHD-SS / ²MDS / ³Not present for AHD-SS, MDS, FLE / ⁴FLE / ⁵Only for doors GYP / ⁶Only for doors PLY / ⁷Present only for AHA, AHA-GYP, AHA-PLY, AHD-GYP, AHD-PLY, AHD-SS, CTR, EDG-PLY, RMD, SFM

Validated Eco-Declaration – Recycled Content

Methodology: on-site audit, supply chain evaluation, analysis and validation of the recycled content data according to the weight ratio of each of the components used in manufacturing the final product.

Vertima's procedure: VERT-032008-01, Second Edition.

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:
VED18-1006-02
 Period of validity:
03/2018 to 03/2019



ENVIRONMENTAL DATA SHEET

NON-INSULATED STEEL ACCESS DOOR



ATTRIBUTES (CONTINUED)

SOURCING OF RAW MATERIALS

| Weight ratio | Final manufacturing location |
|--------------|------------------------------|
| 100% | Montreal, QC H1E 6N6 CANADA |

Validated Eco-Declaration – Sourcing of raw materials

Methodology: on-site audit, supply chain evaluation, analysis and validation of the sourcing of raw materials data according to the weight ratio of each of the components used in manufacturing the final product.

Vertima's procedure: VERT-032008-02, Second Edition.

| Component | Weight ratio | Extraction location | Transportation |
|---|---------------|---------------------|----------------|
| Stainless Steel (recycled content) ¹ | 84.8% | N/A | N/A |
| Stainless Steel ¹ | 12.7% | N/A | N/A |
| Satin Coat Steel (recycled content) ² | 67.3% | Hamilton, ON | Road |
| Satin Coat Steel ² | 30.2% | N/A | N/A |
| Cold Rolled Steel - supplier 1 (recycled content) ³ | 63.8% - 67.3% | Hamilton, ON | Road |
| Cold Rolled Steel - supplier 1 ³ | 28.7% - 30.2% | N/A | N/A |
| Cold Rolled Steel / Door panel - supplier 2 (recycled content) ⁴ | 18.6% | N/A | N/A |
| Cold Rolled Steel / Door panel - supplier 2 ⁴ | 55.9% | N/A | N/A |
| Frame Galvanized (recycled content) ⁴ | 3.4% | N/A | N/A |
| Frame Galvanized ⁴ | 10.4% | N/A | N/A |
| Bracket Cold Rolled (recycled content) ⁴ | 1.0% | N/A | N/A |
| Bracket Cold Rolled ⁴ | 2.8% | N/A | N/A |
| Plastic corner ⁴ | 3.8% | N/A | N/A |
| Corner bead (GYP) (recycled content) ⁵ | 1.8% | Hamilton, ON | Road |
| Corner bead (GYP) ⁵ | 0.2% | N/A | N/A |
| Plaster flange (PLY) (recycled content) ⁶ | 1.8% | Hamilton, ON | Road |
| Plaster flange (PLY) ⁶ | 0.2% | N/A | N/A |
| Screw driver cam latch (recycled content) ⁷ | 0.7% - 1.4% | Hamilton, ON | Road |
| Screw driver cam latch ⁷ | 0.3% - 0.6% | N/A | N/A |
| Hardware ⁸ | 1.5% - 5.0% | N/A | N/A |
| Powder coat ⁹ | 0.5% - 1.4% | N/A | N/A |

¹AHD-SS / ²MDS / ³Not present for AHD-SS, MDS, FLE / ⁴FLE / ⁵Only for doors GYP / ⁶Only for doors PLY / ⁷Present only for AHA, AHA-GYP, AHA-PLY, AHD-GYP, AHD-PLY, AHD-SS, CTR, EDG-PLY, RMD, SFM / ⁸Not present for RMD / ⁹Not present for AHD-SS

The source of extraction and/or location of raw materials has been documented for 0% to 68.7% of final product weight.

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:
VED18-1006-02
 Period of validity:
03/2018 to 03/2019



ENVIRONMENTAL DATA SHEET

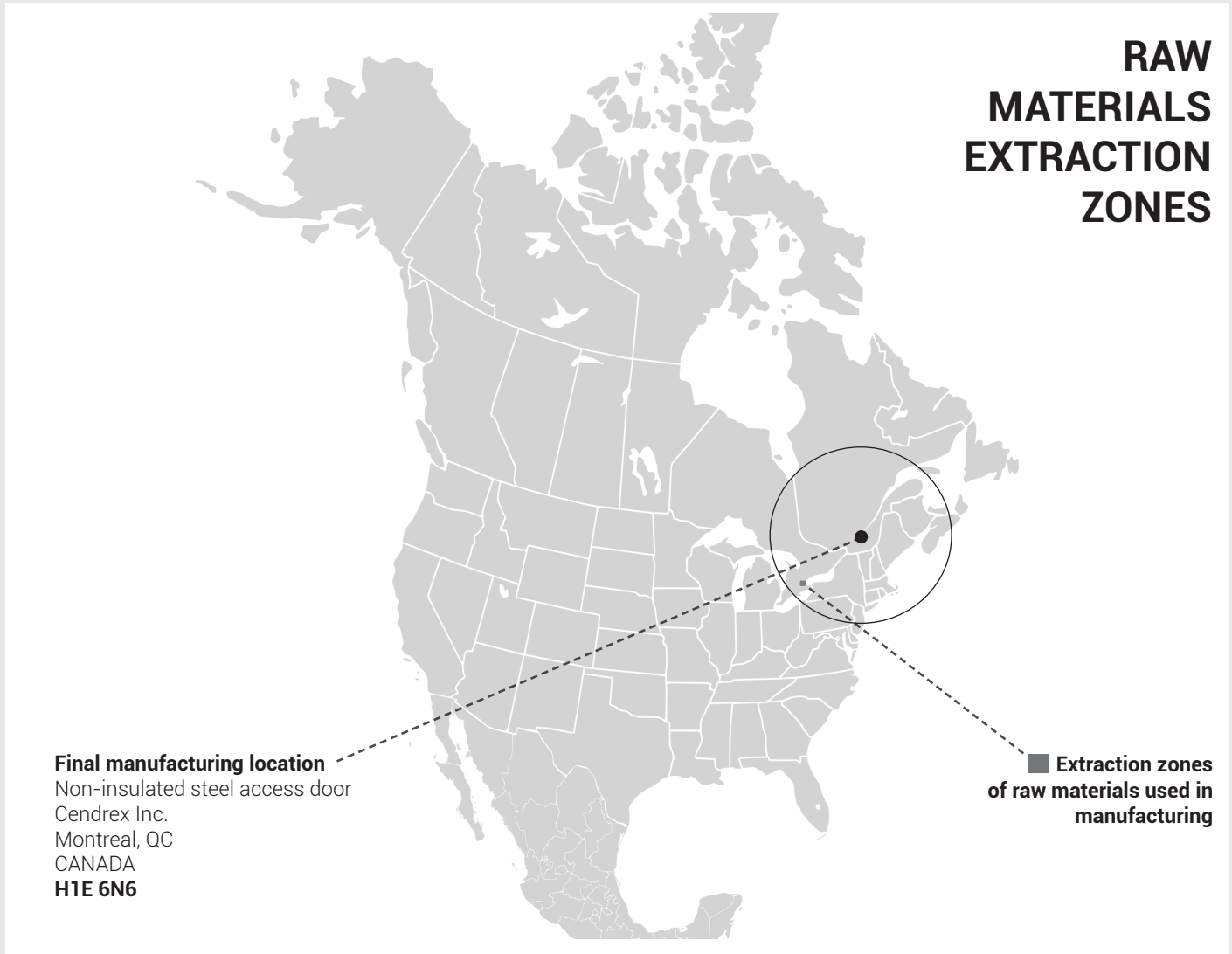
NON-INSULATED STEEL ACCESS DOOR



ATTRIBUTES (CONTINUED)

SOURCING OF RAW MATERIALS (CONTINUED)

RAW MATERIALS EXTRACTION ZONES



Final manufacturing location
Non-insulated steel access door
Cendrex Inc.
Montreal, QC
CANADA
H1E 6N6

■ **Extraction zones of raw materials used in manufacturing**

EXTRACTION LOCATION OF RECYCLED STEEL

Canada: Hamilton, ON

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:
VED18-1006-02
Period of validity:
03/2018 to 03/2019



ENVIRONMENTAL DATA SHEET

NON-INSULATED STEEL ACCESS DOOR



INGREDIENTS AND EMISSIONS

DECLARATION OF CHEMICAL INGREDIENTS



VERSION 2.1

Type of declaration: Health Product Declaration® (HPD®) version 2.1

Period of validity: March 2018 to March 2021

HPD name: Non-Insulated Steel Access Door

Summary of product contents and results from screening individual chemical substances against HPD Priority Lists¹ and the GreenScreen for Safer Chemicals®².

HPDC repository URL: <http://www.hpd-collaborative.org/hpd-public-repository/>

The Health Product Declaration® and logo is owned by the Health Product Declaration® Collaborative and is used with permission.

Declaration: Prepared by Vertima inc., third party approved by HPDC

Ingredients inventory threshold: 1,000 ppm

Full disclosure of intentional ingredients: Yes

Full disclosure of known hazards: Yes

Hazard(s) associated with the product ingredients:

This HPD Standard describes a declaration of product content and direct health hazards associated with exposure to its individual contents. The Declaration is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

Highest concern GreenScreen® Benchmark: Benchmark 1³

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> PBT (Persistent, Bioaccumulative, Toxic) | <input checked="" type="checkbox"/> Respiratory | <input checked="" type="checkbox"/> Physical hazard |
| <input checked="" type="checkbox"/> Cancer | <input type="checkbox"/> Neurotoxicity | <input type="checkbox"/> Global warming |
| <input checked="" type="checkbox"/> Gene mutation | <input checked="" type="checkbox"/> Mammal | <input type="checkbox"/> Ozone depletion |
| <input checked="" type="checkbox"/> Development | <input type="checkbox"/> Land toxicity | <input checked="" type="checkbox"/> Multiple |
| <input checked="" type="checkbox"/> Reproductive | <input checked="" type="checkbox"/> Aquatic toxicity | <input type="checkbox"/> Unknown |
| <input checked="" type="checkbox"/> Endocrine | <input checked="" type="checkbox"/> Skin or eye | |

¹Refer to Annex D of HPD® Open Standard Version 2.1, May 2017: <http://www.hpd-collaborative.org>

²GreenScreen for Safer Chemicals® method: <http://www.greenscreenchemicals.org/>

³GreenScreen (GS) Benchmark scores of chemical ingredients: Benchmark 1 (Avoid, chemical of high concern), Benchmark 2 (Use but search for safer substitutes), Benchmark 3 (Use but still opportunity for improvement), Benchmark 4 (Prefer, safer chemical).

TABLE OF INGREDIENTS

| Component | Role | Weight ratio | CAS ¹ | GreenScreen® ² | Other applicable score (for more details refer to the HPD®) |
|---|---------------|---------------|---------------------------------|---------------------------|--|
| Stainless Steel | Main material | 97.5% | 7440-02-0, 7440-48-4 | LT-1 | LT-P1 and LT-UNK scores also present |
| Satin Coat Steel | Main material | 97.5% | 7440-02-0, 7439-92-1, 7440-43-9 | LT-1 | LT-P1 scores also present |
| Cold Rolled Steel - supplier 1 | Main material | 92.5% - 97.5% | 7440-02-0, 7439-92-1, 7440-43-9 | LT-1 | LT-P1 scores also present |
| Cold Rolled Steel / Door panel - supplier 2 | Main material | 74.5% | 7440-02-0, 7439-92-1, 7440-43-9 | LT-1 | LT-P1 scores also present |
| Frame Galvanized | Hardware | 13.8% | 7440-02-0, 7439-92-1, 7440-43-9 | LT-1 | LT-P1 scores also present |
| Bracket Cold Rolled | Hardware | 3.8% | 7440-02-0, 7439-92-1, 7440-43-9 | LT-1 | LT-P1 scores also present |
| Plastic corner | Hardware | 3.8% | 1333-86-4 | LT-1 | LT-P1 and LT-UNK scores also present |
| Corner bead (GYP) | Hardware | 2.0% | 7440-02-0, 7439-92-1, 7440-43-9 | LT-1 | LT-P1 scores also present |
| Plaster flange (PLY) | Hardware | 2.0% | 7440-02-0, 7439-92-1, 7440-43-9 | LT-1 | LT-P1 scores also present |
| Screw driver cam latch | Hardware | 1.0% - 2.0% | 7440-66-6, 7440-66-6 | LT-P1 | - |
| Hardware | Hardware | 1.5% - 5.0% | 7440-02-0, 7440-43-9 | LT-1 | LT-P1 and LT-UNK scores also present |
| Powder coat | Coating | 0.5% - 1.4% | 1333-86-4 | LT-1 | LT-UNK, BM-2 and BM-3 scores also present |

¹Only the CAS numbers with the score of highest concern are listed. The complete list of substances can be found in the HPD®.

²GS List Translator (LT) scores of chemical ingredients: LT-1, likely GS Benchmark 1; LT-P1, possible GS Benchmark 1; LT-U or LT-UNK, present on GS Specified Lists but there is insufficient information to classify the hazards as LT-1 or LT-P1 (does not mean the chemical is safe).

Validated Eco-Declaration – Declaration of chemical ingredients

Methodology: validation of the documentation confirming the methodology and reporting of chemical ingredients.

Vertima's procedure: VERT-032009-01, Second Edition.

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:
VED18-1006-02
 Period of validity:
03/2018 to 03/2019



ENVIRONMENTAL DATA SHEET

NON-INSULATED STEEL ACCESS DOOR



TECHNICAL PERFORMANCES

PERFORMANCE TESTS

Non-exhaustive list. Refer to the technical documentation of non-fire rated insulated steel door for more details.



Following tests apply only for the PFN door.

For installation in vertical wall assemblies: Certified to standards: UL 10B (1997), UL 10B (2009), NFPA 252 (2003), NFPA 252 (2008), NFPA 252 (2012), CAN/ULC S104 (R1985), CAN/ULC S104 (2010).

RATING ACHIEVED: 3 hours, neutral/negative pressure.

Source: Cendrex Inc.

WARRANTY

All doors manufactured by Cendrex meet or exceed industry standards and are covered by a "Quality Assurance" warranty based on our technical specifications. Cendrex products and all related parts are warranted to be free from defects in materials and workmanship. This warranty covers a ONE (1) year period from the date of shipment. Cendrex is not responsible for any problems caused by faulty installation, abuse or misuse.

Source: Cendrex Inc.

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT PROGRAM

MANUFACTURER'S COMMITMENT

Cendrex participates actively in the "ICI ON RECYCLE!" program, which encourages companies to implement sustainable strategies to better our environment. This program allows for companies to be conscious about their environmental performance by offering them technics to better manage their residual materials.



Cendrex has presently achieved a level 2 status in this program. According to "ICI ON RECYCLE!", this means that our company has:

1. Conducted at least 3 awareness activities for our staff as well as for our clients.
2. Implemented at least 5 reduction methods that meet at least 3 categories of residual materials.
3. Put in place recycling and/or recovery methods for at least 3 categories of residual materials.

Source: Cendrex Inc.

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:
VED18-1006-02
Period of validity:
03/2018 to 03/2019



ENVIRONMENTAL DATA SHEET

NON-INSULATED STEEL ACCESS DOOR



PRODUCT CONTRIBUTION SUMMARY

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

New Construction and Major Renovation, 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 – 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 | ATTRIBUTES Recycled Content Pre-consumer (0% - 26.9%) Post-consumer (23.0% - 66.7%) Various among product - see page 2 |
| | | | INGREDIENTS AND EMISSIONS HPD® version 2.1 Health Product Declaration® |
| MR | Building Product Disclosure and Optimization – Material Ingredients Option 1: Material ingredients reporting (1 point) Cendrex's non-insulated steel door contributes 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. | Contribute | ATTRIBUTES Recycled Content Pre-consumer (0% - 26.9%) Post-consumer (23.0% - 66.7%) Various among product - see page 2 |
| | | | INGREDIENTS AND EMISSIONS HPD® version 2.1 Health Product Declaration® |
| INDOOR ENVIRONMENTAL QUALITY | | PRODUCT CONTRIBUTIONS | |
| EQ | Low-Emitting Materials Option 1: Product category calculation (1-3 points) | Contribute | INGREDIENTS AND EMISSIONS Steel is an inherently non-emitting source if not painted. |
| | | | INGREDIENTS AND EMISSIONS Steel is an inherently non-emitting source if not painted. |

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:
VED18-1006-02
 Period of validity:
03/2018 to 03/2019

