

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format → Basic Method	Residuals/Impurities Evaluation → Completed	For all contents above the threshold, the manufacturer has:
Threshold Disclosed Per → Product	Explanation(s) provided : Yes	Characterized Provided weight and role. Yes
Threshold Level → 1,000 ppm		Screened Provided screening results using HPDC-approved methods. Yes
		Identified Provided name and CAS RN or other identifier. Yes

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.	Number of Greenscreen BM-4/BM3 contents ... 0 Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1 Nanomaterial ... No
PRODUCT MATERIAL OR SUBSTANCE RESIDUAL OR IMPURITY GREENSCREEN SCORE HAZARD TYPE	INVENTORY AND SCREENING NOTES: Special Conditions applied: [MetalAlloy] Special Conditions applied: [MixedRecycledContent]
ASSA ABLOY HOLLOW METAL DOOR SET - ROCKWOOL INFILL [GALVANIZED STEEL MULTIPLE ROCKWOOL INFILL]	SKU: STD-DD-3000x1300-60T-FR120-PW Inventory Notes: Stored in Warehouse Reserved for Project Surface protection intact Screening Notes: Fire rating label checked Thickness: AS PER PROJECT Squareness within tolerance Approved for dispatch

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.	COMPLIANCE See Section 3 for additional listings. VOC emissions: Inherently non-emitting source per LEED
	CONSISTENCY WITH OTHER PROGRAMS No pre-checks completed or disclosed.

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

ASSA ABLOY HOLLOW METAL DOOR SET - ROCKWOOL INFILL

PRODUCT THRESHOLD: 1000 ppmRESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: The hollow steel door assembly, including galvanized steel components and mineral wool (rock wool) infill, has been evaluated for residuals and impurities arising from raw materials and manufacturing processes.

OTHER PRODUCT NOTES: 1. Steel Components

Base material consists of low-carbon steel with controlled alloying elements.
Trace elements (e.g., manganese, silicon, phosphorus, sulfur) are present within standard limits defined by EN / ASTM specifications.
Galvanization introduces a zinc coating which may contain minor trace impurities (e.g., lead, aluminum, iron) within regulated thresholds.
No intentionally added hazardous substances beyond standard industrial practices.

2. Rock Wool (Mineral Wool) Core

Produced from natural basalt rock and recycled mineral inputs.
May contain trace mineral oxides (iron, aluminum, calcium, magnesium) inherent to raw materials.
Binder system (typically phenol-formaldehyde resin) may contain residual trace organic compounds in fully cured form.
Impurities are low and within internationally accepted health and environmental limits.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

%: 90.0000 - 95.0000 GreenScreen: MULTIPLE RC: None NANO: No MATERIAL ROLE: Structure component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening is not applicable to this Special Condition

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [ASTM A653]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

ALLOYING ELEMENTS

- Iron (Fe)
CASRN: 7439-89-6
Percentage: 90 % - 95 %
Element Role: Alloy element
GreenScreen Score: LT-P1

No listings found on Additional Hazard Lists

MATERIAL CONTENT NOTES: NO notes available at the moment

ROCKWOOL INFILL

ID: Mixed Recycled Content

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 2.0000 - 5.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Filler

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening is not applicable to this Special Condition

INGREDIENT DESCRIPTION: Rockwool infill

ANALYTICAL TESTING: 1. Base Raw Materials (Primary Components) Basalt (volcanic rock) → Main ingredient (high silica content) Dolomite / Limestone (CaMg(CO₃)₂ / CaCO₃) → Improves melting and fiber formation Diabase or Gabbro (optional) → Enhances durability and structure These materials form ~90–97% of the produc

BATCH VARIATION: No, tested and verified at factory

COUNTRY OF ORIGIN: United Arab Emirates

MATERIAL CONTENT NOTES: any material notes will be provided once needed

all information available once needed
This disclosure does not provide information on the potential presence of hazardous substances which may be found in certain mixed recycled materials.

Section 3: Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	Inherently non-emitting source per LEED	
COMPLIANCE TYPE: Self-declaration	ISSUE DATE: 2026-05-22	EXPIRY DATE: No expiration
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: None		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Company-wide		
APPLICABLE FACILITIES: United Arab Emirates		
COMPLIANCE URL:		
COMPLIANCE NOTES:		

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

Hollow steel doors consist of cold-formed galvanized steel sheets mechanically formed and assembled into a door leaf with an internal cavity. The cavity is filled with high-density mineral wool (rock wool) insulation to enhance fire resistance, thermal insulation, and acoustic performance.

The steel components are typically manufactured from hot-dip galvanized steel in accordance with EN 10346 or ASTM A653 standards, providing corrosion resistance and durability. The door leaf is reinforced internally with steel stiffeners and finished with protective coatings such as powder coating or primer systems.

The infill material consists of non-combustible rock wool insulation produced from natural basalt rock and recycled mineral materials, bonded with thermosetting resin and treated with water-repellent additives. The mineral wool contributes to the fire rating, thermal resistance, and sound attenuation properties of the door assembly.

MANUFACTURER INFORMATION

MANUFACTURER: **ASSA ABLOY SECURITY SOLUTIONS METAL INDUSTRIES FACTORY LLC**
ADDRESS: **DXB**
Assa Abloy Opening Solutions, Industrial Area 1, Jebel Ali
Dubai, Emirate 77353
COUNTRY: **United Arab Emirates**

WEBSITE: **assaabloy.com**
CONTACT NAME: **Nael Alrabadi**
TITLE: **Mr**
PHONE: **0551820809**
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The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard is not:

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.

