

HPD UNIQUE IDENTIFIER: 26146

CLASSIFICATION: 08 34 56 Security Gates

PRODUCT DESCRIPTION: Argus sensor barriers combine the options of a modern access system in the supervised entrance area in three models. From short basic versions to exquisite objects with sophisticated sensors, they offer a wide range of functions. Argus 80 at a length of 1,660 mm achieve the maximum security level: The horizontal sensor strip is supplemented with a vertical sensor. In terms of aesthetics, Argus 80 offer greater freedom of choice, with many material and colour combinations as well as ambient lighting. If you are looking to perfect the finish, choose Argus 80 with Full Cast Layer – a seamlessly wrought hand rail. One design from one piece.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold level, Residuals/Impurities, and a detailed description of screening methods and results. Includes options for 'Basic Method', 'Material', and 'Product' reporting, and '100 ppm' threshold.

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
ARGUS 80 [EN AW6060 T66 NoGS SOLID / PLATE GLASS LT-UNK
SC:ELECTRONICS Not Screened STEEL NoGS STAINLESS STEEL
NoGS POLYCARBONATE LT-UNK ALUMINUM BM-1 | END | RES | PHY
POLYDIMETHYLSILOXANE RUBBER NoGS RUBBER, SYNTHETIC
EPDM NoGS BRASS NoGS POLYVINYL CHLORIDE LT-P1 | RES UNS
A95754 ALUMINUM ALLOY NoGS ABS RESIN LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: Electronics

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

This HPD was created with Basic Inventory. Substances are listed by weight in the entire product instead of by material. All substances over 1000 ppm or 100 ppm of the product are reported.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: N/A
LCA: Environmental Product Declaration (EPD)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2021-09-24

PUBLISHED DATE: 2021-09-24
EXPIRY DATE: 2024-09-24

Section 2: Content in Descending Order of Quantity

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

ARGUS 80

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are expected in these materials at or above the inventory threshold. dormakaba products consist of finished components, and no chemical reactions are needed to develop our products.

OTHER PRODUCT NOTES: -

EN AW6060 T66

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-24 11:30:17

#: 46.7000 - 46.7000 GS: NoGS RC: Both NANO: No SUBSTANCE ROLE: Hardware

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Profile, cover

SOLID / PLATE GLASS

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-24 11:30:17

#: 25.1800 - 25.1800 GS: LT-UNK RC: UNK NANO: No SUBSTANCE ROLE: Glass component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Side covers

SC:ELECTRONICS

ID: SC:Electronics

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

#: 7.7100 - 7.7100 GS: Not Screened RC: UNK NANO: No SUBSTANCE ROLE: Electronic component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:
Version: SCElec/2018-02-23
Brief Description: PWB, cable, motor, locking device, sensor system
Compliance: RoHS compliant
Takeback Program: - -

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-24 11:30:18**%: **5.2300 - 5.2300** GS: **NoGS** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Hardware**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Fixing materials

STAINLESS STEEL

ID: 12597-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-24 11:30:18**%: **4.9100 - 4.9100** GS: **NoGS** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Hardware**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Control panels

POLYCARBONATE

ID: 25037-45-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-24 11:30:19**%: **3.6500 - 3.6500** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Hardware**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Sealing

ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-24 11:30:19**%: **3.2500 - 3.2500** GS: **BM-1** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Hardware**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
PHY	EU - GHS (H-Statements)	H228 - Flammable solid [Flammable solids - Category 1 or 2]
PHY	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases [Substances and mixtures which, in contact with water, emit flammable gases - Category 2 or 3]

SUBSTANCE NOTES: Fasteners

POLYDIMETHYLSILOXANE RUBBER

ID: 63394-02-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-24 11:30:20**

#: 2.2200 - 2.2200 GS: NoGS RC: UNK NANO: No SUBSTANCE ROLE: Hardware

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Sealing

RUBBER, SYNTHETIC EPDM

ID: 308064-28-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-24 11:30:20

#: 0.3900 - 0.3900 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Hardware

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Sealing

BRASS

ID: 12597-71-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-24 11:30:20

#: 0.3400 - 0.3400 GS: NoGS RC: Both NANO: No SUBSTANCE ROLE: Hardware

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Gear ring

POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-24 11:30:21

#: 0.2400 - 0.2400 GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Hardware

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

RES AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Sealing

UNS A95754 ALUMINUM ALLOY

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-24 11:30:21

#: 0.0900 - 0.0900 GS: NoGS RC: Both NANO: No SUBSTANCE ROLE: Hardware

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Connectors

ABS RESIN

ID: 9003-56-9

#: **0.0900 - 0.0900**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

SUBSTANCE ROLE: **Hardware**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Sealing**

Section 3: Certifications and 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	N/A		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2020-05-	EXPIRY DATE:	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: This HPD is for a product that is NOT liquid/wet applied.	13		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES:			

LCA	Environmental Product Declaration (EPD)		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-	EXPIRY DATE: 2025-	CERTIFIER OR LAB: Institut Bauen und Umwelt e.V. (IBU)
APPLICABLE FACILITIES: Bühl	05-26	05-25	
CERTIFICATE URL: https://www.dormakabagroup.com/en/sustainability/focus-area-products			
CERTIFICATION AND 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

dormakaba has resulted from the merger of the two well-established brands Dorma and Kaba, both known for their expertise in the area of smart and secure access solutions. Together we stand for more than 150 years of security and reliability.

Our master brand dormakaba stands for our offering of products, solutions and services for secure access to buildings and rooms from a single source. Our global brand power supports us to become the trusted industry leader.

For more information, please go to: www.dormakaba.com.

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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-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	

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 v2.1 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.