

Hygienic FRP Door, 4' x 7' (1219mm x 2134mm) - 4 hinges, leading edge protection by DorteK Ltd

Health Product Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 1455918080
CLASSIFICATION: 08 31 13 Access Doors and Frames
PRODUCT DESCRIPTION: Molded FRP (Fiberglass Reinforced Polyester) door with a PIR foam core - door size 4' (1219mm) wide v 7' (2134mm) high. Door fitted with 4 stainless steel lift off hinges and stainless steel edge protection on leading edge.

Section 1: SummaryNested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
☒ Nested Materials Method	☐ 100 ppm	☐ Completed	Characterized ☒ Yes ☐ No
☐ Basic Method	☒ 1,000 ppm	☒ Not Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	Explanation(s) provided for Residuals/Impurities?	Screened ☒ Yes ☐ No
☐ Material	☐ Other	☒ Yes ☐ No	<i>Provided screening results using HPDC-approved methods.</i>
☒ Product			Identified ☒ Yes ☐ No
			<i>Provided name and CAS RN or other identifier.</i>

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.

NESTED MATERIAL | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*
GREENSCREEN SCORE | HAZARD TYPE
FIBERGLASS REINFORCED POLYETSER SHELL [**UNSATURATED POLYESTER RESIN** **NoGS** **UNSATURATED POLYESTER RESIN** **NoGS** **CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE** **LT-UNK**]
PIR FOAM CORE [**POLYISOCYANURATE FOAM** **LT-P1**] SKI | EYE | MAM **CYCLOPENTANE** **LT-UNK** | PHY | EYE | MAM | AQU]
ALUMINIUM REINFORCEMENT [**ALUMINIUM**] **LIFT OFF HINGES** [**304 STAINLESS STEEL** **NoGS**] **LEADING EDGE PROTECTION** [**304 STAINLESS STEEL** **NoGS**]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
Nanomaterial ... No
INVENTORY AND SCREENING NOTES:
Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 1,000 ppm] threshold to act as antimicrobials.

Special Conditions applied: [GeologicalMaterial]
Special Conditions applied: [Polymers]

No inventory or screening notes to add

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: ISO 16000-9:2006 Indoor Air Part 9

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

- ☐ Yes
☒ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2024-12-13
PUBLISHED DATE: 2025-02-07
EXPIRY DATE: 2027-12-13

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

FIBERGLASS REINFORCED POLYETSER SHELL		%: 62.3000 - 62.6000	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: We are not aware of any residuals/impurities evaluation having been carried out on this product			
OTHER MATERIAL NOTES: Fiberglass matting saturated in liquid polyester resin. Within two hours of this process occurring, the product becomes a hard polyester shell that has been strengthened by glass fibres			

UNSATURATED POLYESTER RESIN				ID: 1373121-80-2	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-02-06 07:57:40		
%: 62.0000	GreenScreen: NoGS	RC: PostC	NANO: No	POLYMER ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
POLYMER TYPE: Thermoset prepolymer (i.e. partially reacted)					
AVERAGE MOLECULAR WEIGHT : >10,000 Da					
PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: 0%					
ADDITIONAL SUBSTANCES CONSIDERED: Yes					
POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.					
ADDITIONAL NOTES: Polyester is 100% recyclable at end of life					

UNSATURATED POLYESTER RESIN			ID: 1373121-80-2	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-02-06 08:21:40	
%: 20.0000	GreenScreen: NoGS	RC: PostC	NANO: No	POLYMER ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	

POLYMER TYPE: Thermoset prepolymer (i.e. partially reacted)
AVERAGE MOLECULAR WEIGHT : >10,000 Da
PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: 0%
ADDITIONAL SUBSTANCES CONSIDERED: Yes
POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.
ADDITIONAL NOTES: Unsaturated polyester resins can be recycled at end of life

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-16 2:05:53		
%: 19.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions		
			Exempted from REACH Annex V listing due to intrinsic safety		

SUBSTANCE NOTES:

PIR FOAM CORE

%: 22.4500 - 22.6500

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Not aware of any residuals/impurities evaluation having been carried out on this product		
OTHER MATERIAL NOTES: Supplied as a solid piece of foam sheet before being encased in FRP		

POLYISOCYANURATE FOAM

ID: 9063-78-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-02-06 08:08:52		
%: 96.0000	GreenScreen: LT-P1	RC: PostC	NANO: No	POLYMER ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
SKI	GHS - Australia		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
EYE	GHS - Australia		H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]		
MAM	GHS - Australia		H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		

POLYMER TYPE: Thermoset prepolymer (i.e. partially reacted)
AVERAGE MOLECULAR WEIGHT : >10,000 Da
PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: 0%
ADDITIONAL SUBSTANCES CONSIDERED: Yes
POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.
ADDITIONAL NOTES: PIR foam can be recycled through a two stage process involving both mechanical and chemical recycling

CYCLOPENTANE

ID: 287-92-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-02-06 08:16:08	
%: 4.0000	GreenScreen: LT-UNK	RC: PostC	NANO: No	POLYMER ROLE: Insulator
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]		
PHY	GHS - New Zealand	Flammable liquids category 2		
EYE	GHS - New Zealand	Eye irritation category 2		
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]		
PHY	GHS - Australia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]		
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List		
		Some Solvents		

POLYMER TYPE: Thermoset prepolymer (i.e. partially reacted)
AVERAGE MOLECULAR WEIGHT : <1,000 Da
PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: 100%
ADDITIONAL SUBSTANCES CONSIDERED: Yes
POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.
ADDITIONAL NOTES: PIR foam can be recycled through a two stage process involving both mechanical and chemical recycling

ALUMINIUM REINFORCEMENT		%: 6.6000 - 6.7500	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: Not aware of any residuals/impurities evaluation			
OTHER MATERIAL NOTES: Used as reinforcement and grounding in the foam core to allow hardware to be attached securely			

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 100.0000GreenScreen: Not RequiredRC: BothNANO: NoMATERIAL ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		
INGREDIENT DESCRIPTION AND COMPOSITION: 100		
COUNTRY OF ORIGIN: Ireland		
RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material.		
POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no toxic metals are found in this material.		
MATERIAL CONTENT NOTES: Aluminum reinforcement strips contain a recycled content on average greater than 50%. At end of life aluminum can be 100% recycled.		

LIFT OFF HINGES

%: 6.5000 - 6.7500

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: Not aware of any residuals/impurities evaluation		
OTHER MATERIAL NOTES: 4 x stainless steel lift off hinges attached to hinge side edge of the door blade		

304 STAINLESS STEEL

ID: 12597-68-1

HAZARD DATA SOURCE: Pharos Chemical and Materials LibraryHAZARD SCREENING DATE: 2024-12-16 2:48:37

%: 100.0000GreenScreen: NoGSRCC: PostCNANO: NoSUBSTANCE ROLE: Hardware

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: The Stainless steel used in this product is manufactured with a minimum 83% of pre-consumer recycled material. Stainless steel can be recycled at end of life		

LEADING EDGE PROTECTION

%: 1.6000 - 1.7500

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: Not aware of any residuals/impurities evaluation		

OTHER MATERIAL NOTES: Stainless steel U-channel fixed to the leading edge of the door blade

304 STAINLESS STEEL

ID: 12597-68-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-16 2:47:31		
%: 100.0000	GreenScreen: NoGS	RC: Both	NANO: No	SUBSTANCE ROLE: Hardware	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: The Stainless steel used in this product is manufactured with a minimum 83% of pre-consumer recycled material. Stainless steel can be recycled at end of life					

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	ISO 16000-9:2006 Indoor Air Part 9	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-04-08 00:00:00	CERTIFIER OR LAB: RISE
APPLICABLE FACILITIES: all?	EXPIRY DATE:	Accredited Testing Laboratory
CERTIFICATE URL:		
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

Hygienic FRP Door, 4' x 7' (1219mm x 2134mm) - 4 hinges, leading edge protection. Door blade is made up of a PIR foam core with a molded exterior FRP shell.

MANUFACTURER INFORMATION

MANUFACTURER: **Dortek Ltd**
ADDRESS: **Dortek Ltd**
North Quay
Wicklow Town, Co. Wicklow A67HE26
COUNTRY: **Ireland**

WEBSITE: **www.dortek.com**
CONTACT NAME: **Ned Gaynor**
TITLE: **SHEQ Manager**
PHONE: **+353871723699**
EMAIL: **ned.gaynor@dortek.com**

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 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

