

Mineral Wool Panels

by ELASTRON SERVICE STEEL CENTER

HPD UNIQUE IDENTIFIER: 88604483
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 07 40 00 Roofing and Siding Panels
PRODUCT TYPE: Structural Panels, Insulated
PRODUCT DESCRIPTION: Mineral wool insulated composite panels consist of two profiled sheets with a mineral wool core, providing thermal insulation, sound absorption and fire-resistance. The panels are designed for roof and wall cladding applications.

SCREENING DATE: 2026-09-01
PUBLISHED DATE: 2026-09-01
EXPIRY DATE: 2029-09-01
PREPARER: Self-Prepared

Health Product Declaration v3.0

created via: HPDC Online Builder

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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-1, LT-P1, BM-1 Nanomaterial ... No
PRODUCT MATERIAL OR SUBSTANCE RESIDUAL OR IMPURITY GREENSCREEN SCORE HAZARD TYPE	INVENTORY AND SCREENING NOTES:
MINERAL WOOL PANELS [FIBER GLASS, BIOINSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT >18 % BY WEIGHT LT-1 CAN MAM IRON, ELEMENTAL LT-P1 END UREA, POLYMER WITH FORMALDEHYDE AND PHENOL LT-UNK POLYPROPYLENE GLYCOL LT-UNK EYE 1,2-ETHANEDIAMINE, POLYMER WITH 2-METHYLOXIRANE LT-UNK DIOLAMINE BM-1 CAN END SKI MUL EYE MAM AQU REP POLYMETHYLENE POLYPHENYL ISOCYANATE LT-UNK CAN RES EYE SKI MAM]	This Health Product Declaration (HPD) was completed in accordance with the HPD Standard v3.0 and discloses hazards associated with all substances present at or above 1000 ppm in the finished product, including their role and percentage by weight. The inventory was developed based on supplier-provided material composition data, mineral wool specifications and internal manufacturing data.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.	COMPLIANCE See Section 3 for additional listings. VOC emissions: Eurofins Indoor Air Comfort GOLD - certified product LCA: Environmental Product Declaration (EPD) by EPD International AB
	CONSISTENCY WITH OTHER PROGRAMS Pre-checked for LEED v4 Option 1. Pre-checked for LEED v4.1 Option 1. Pre-checked for LEED v5 Human Health 1.

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

MINERAL WOOL PANELS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered, as outlined in Best Practices, based on supplier SDS documentation (SDS may not identify all Residuals and Impurities present in this product that would require reporting on the HPD) and process chemistry via Pharos CML. No residuals or Impurities are expected to be present at or above Content Inventory Threshold that returns a GreenScreen score of BM-1, LT-1, LTP1 or NoGS.

OTHER PRODUCT NOTES: Steel is used as the external facing material of the panels. The steel composition, as certified by the suppliers, typically includes the following substances at or above the declared Content Inventory Threshold: Iron (>95%; CAS 7439-89-6; LT-P1), Manganese (<2%; CAS 7439-96-5; LT-P1), Carbon (<0.2%; CAS 7440-44-0; LT-UNK), Silicon (<0.6%; CAS 7440-21-3; LT-UNK), Aluminium (<1%; CAS 7429-90-5; LT-P1), Titanium (<0.3%; CAS 7440-32-6; LT-UNK), Magnesium (<3%; CAS 7439-95-4; LT-UNK) and other alloying elements, depending on the steel grade.

FIBER GLASS, BIOINSOLUBLE AND/OR WITH ALKALINE
OXIDE AND ALKALI EARTH OXIDE CONTENT >18 % BY
WEIGHT

ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-01 2:08:16

%: 56.0000 - 59.0000	GreenScreen: LT-1	RC: Both	NANO: No	SUBSTANCE ROLE: Insulator
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man		
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]		
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
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		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List		
		Flame Retardants		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026		
		Cosmetics & Personal Care Products		

SUBSTANCE NOTES: The substance has been registered under EU REACH legislation as: Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na2O+K2O+CaO+ MgO+BaO) content greater than 18% by weight and fulfilling one of the Nota Q conditions. [EC Number: 926-099-9]

The recycled content is mainly stonewool from building construction and demolition wastes, cut offs from other industries and wastes from manufacturing processes

IRON, ELEMENTAL

ID: 7439-89-6

%		37.0000 - 40.0000		GreenScreen:	LT-P1	RC:	None	NANO:	No	SUBSTANCE ROLE:	Structure component
HAZARD TYPE		LIST NAME AND SOURCE				WARNINGS					
END		TEDX - Potential Endocrine Disruptors				Potential Endocrine Disruptor					
ADDITIONAL LISTINGS		LIST NAME AND SOURCE				NOTIFICATION					
None found		No listings found on Additional Hazard Lists									
SUBSTANCE NOTES:											

UREA, POLYMER WITH FORMALDEHYDE AND PHENOL

ID: **25104-55-6**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-01 2:08:17		
HAZARD TYPE		LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists			
ADDITIONAL LISTINGS		LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST		Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance		
RESTRICTED LIST		International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective July 10, 2026 Red List substances to avoid in Living Building Challenge V4.0 projects		
SUBSTANCE NOTES:					

POLYPROPYLENE GLYCOL

ID: **25322-69-4**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-01 2:08:17			
%: 0.3000 - 0.7000		GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Curing agent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
EYE	GHS - New Zealand		Eye irritation category 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found		No listings found on Additional Hazard Lists			
SUBSTANCE NOTES:					

1,2-ETHANEDIAMINE, POLYMER WITH 2-METHYLOXIRANE

ID: **25214-63-5**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-01 2:08:17			
%: 0.0300 - 0.1400		GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Curing agent

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:		

DIOLAMINE

ID: 111-42-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-01 2:08:17		
%: 0.0300 - 0.1400	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Curing agent	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
SKI	MAK		Sensitizing Substance Sh - Danger of skin sensitization		
CAN	CA EPA - Prop 65		Carcinogen		
CAN	IARC		Group 2b - Possibly carcinogenic to humans		
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters		
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]		
SKI	GHS - New Zealand		Skin irritation category 2		
SKI	GHS - Australia		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
CAN	GHS - Japan		H351 - Suspected of causing cancer [Carcinogenicity - Category 2]		
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
MAM	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
EYE	GHS - New Zealand		Serious eye damage category 1		
EYE	GHS - Japan		H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]		
SKI	GHS - Japan		H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]		
AQU	GHS - New Zealand		Hazardous to the aquatic environment - chronic category 3		
MAM	GHS - Japan		H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]		
REP	GHS - Japan		H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]		
AQU	GHS - Japan		H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]		
EYE	GHS - Australia		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		

SUBSTANCE NOTES:

POLYMETHYLENE POLYPHENYL ISOCYANATE

ID: 9016-87-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-01 2:08:17

%: 0.0700 - 0.1200

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Adhesive

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
EYE	GHS - New Zealand	Eye irritation category 2
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]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
MAM	GHS - New Zealand	Acute inhalation toxicity category 2
MAM	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects
MAM	GHS - Australia	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]
MAM	GHS - Japan	H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2]
CAN	GHS - Australia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 All Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Core List - Mixtures Only

SUBSTANCE NOTES:



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

Eurofins Indoor Air Comfort GOLD - certified product

COMPLIANCE TYPE: Other

ISSUE DATE: 2026-02-17

EXPIRY DATE: No expiration

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Eurofins Product Testing Denmark A/S

COMPLIANCE DETAILS:

COMPLIANCE SCOPE:

APPLICABLE FACILITIES: All.

COMPLIANCE URL:

COMPLIANCE NOTES: VOC emissions were tested by Eurofins Product Testing Denmark A/S according to the Indoor Air Comfort GOLD v.2026 protocol. The test report documents compliance with the Indoor Air Comfort requirements, but not with Indoor Air Comfort GOLD requirements. This compliance is documented through a test report.

LCA

Environmental Product Declaration (EPD) by EPD International AB

COMPLIANCE TYPE: Third-party certification

ISSUE DATE: 2022-11-08

EXPIRY DATE: 2027-10-13

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Vladimir Koci

COMPLIANCE DETAILS:

COMPLIANCE SCOPE:

APPLICABLE FACILITIES: All.

COMPLIANCE URL: <https://www.environdec.com/library/epd7322>

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

ELASTRON S.A. is a Greek company with more than 65 years of experience in the production and distribution of steel products and building materials. Its product range includes insulated composite panels for roof and wall applications.

This HPD covers ELASTRON Mineral Wool Panels, consisting of profiled pre-painted galvanized steel facings and a mineral wool core, providing thermal, sound and fire insulation performance. The panels comply with EN 14509:2013 and are CE marked.



MANUFACTURER INFORMATION

MANUFACTURER: ELASTRON SERVICE STEEL CENTER	WEBSITE: www.elastron.gr
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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.