# Fissured™ Ceiling Panels by Armstrong World Industries

**Health Product** Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 1329472512 CLASSIFICATION: 09 50 00 Ceilings

PRODUCT DESCRIPTION: Fissured™ Square Lay-in and Tegular ceiling panels provide a directional, fissured visual with standard acoustics.

# Section 1: Summary

# **Basic Method / Product Threshold**

### CONTENT INVENTORY

**Inventory Reporting Format** 

C Nested Materials Method Basic Method

**Threshold Disclosed Per** 

 Material Product Threshold Level

C 1,000 ppm C Per GHS SDS

Other

C Partially Completed O Not Completed

Explanation(s) provided:

**Residuals/Impurities Evaluation** 

Yes ○ No

Completed

For all contents above the threshold, the manufacturer has:

Characterized

Yes ○ No

Provided weight and role.

Screened

 Yes ○ No Provided screening results using HPDC-approved

methods.

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

**GREENSCREEN SCORE | HAZARD TYPE** 

FISSURED™ CEILING PANELS [ MINERAL WOOL LT-UNK CALCIUM CARBONATE BM-3dg CLAY LT-UNK | CAN CORN STARCH NoGS S/L/CA LT-1 | CAN | MAM | GEN DIATOMACEOUS EARTH LT-UNK STARCH NoGS WATER BM-4 FATTY ACIDS NoGS PROPRIETARY INGREDIENT NoGS ACRYLIC ACID NoGS QUARTZ BM-1 | CAN | MAM GEN POLYVINYL ACETATE LT-UNK LUBRICATING OIL LT-1 | CAN | MUL | SKI | MAM | GEN | DEV ]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...

LT-1, BM-1

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:** 

Residuals/impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 100 ppm.

# **VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE** See Section 3 for additional

VOC emissions: UL/GreenGuard Gold Certified

# CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?

O Yes No

PREPARER: Self-Prepared

VERIFIER: **VERIFICATION #:**  **SCREENING DATE: 2023-06-21 PUBLISHED DATE: 2023-06-21** EXPIRY DATE: 2026-06-21



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

## FISSURED™ CEILING PANELS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals/impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 100 ppm.

OTHER PRODUCT NOTES:

MINERAL WOOL ID: 65997-17-3

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-06-21 5:52:15		
%: 0.0000 - 9.5510	GreenScreen: LT-UNK	RC: PreC	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings f	ound on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European Con	nmission	EU - REACH Exemptions	
	(EU EC)		Exempted from REACI safety	H Annex V listing due to intrinsic

SUBSTANCE NOTES: Mineral wool is made from recycled steel slag.

CALCIUM CARBONATE	ID: 1317-65-3

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-06-21 5:52:15		
%: 1.7920 - 6.1120	GreenScreen: BM-3dg	RC: None	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings t	found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listing	s found on Additional Hazard Lists
SUBSTANCE NOTES:				

CLAY ID: 1332-58-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-06-21 5:52:15

%: 2.2040 - 4.7230	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		Carcinogen Group 3B but not sufficient for c	- Evidence of carcinogenic effects lassification
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listing	s found on Additional Hazard Lists
SUBSTANCE NOTES:				

CORN STARCH  HAZARD DATA SOURCE: Pharos Chemical and Materials Library HA				ID: 9005-25-8
		HAZARD S	CREENING DATE: 2023	3-06-21 5:52:16
%: 4.0640 - 4.5380	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder
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 Cor (EU EC)	nmission	EU - REACH Exemption	ons
	(20 20)		Exempted from REAC safety	H Annex IV listing due to intrinsic

SILICA				ID: 14464-46-1
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-06-21 5:52:16
%: Impurity/Residual	GreenScreen: LT-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Impurity/Residual

SUBSTANCE NOTES:

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
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
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Silica is a naturally occurring mineral in clay and limestone. Silica is bound within the product matrix and is not in a respirable form in the final product.

DIATOMACEOUS EARTH				ID: 68855-54-
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE: 2023	-06-21 5:52:16
%: 0.0000 - 0.4150	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings f	found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listing	s found on Additional Hazard Lists
SUBSTANCE NOTES:				

STARCH ID: 9005-27-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-06-21 5:52:16 %: 0.0000 - 0.1780 GreenScreen: NoGS NANO: Unknown SUBSTANCE ROLE: Binder RC: None **HAZARD TYPE** LIST NAME AND SOURCE WARNINGS No warnings found on HPD Priority Hazard Lists None found ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION No listings found on Additional Hazard Lists None found SUBSTANCE NOTES:

WATER				ID: 7732-18-5
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE: 2023	3-06-21 5:52:16
%: <b>0.0250 - 0.1560</b>	GreenScreen: BM-4	RC: None	NANO: Unknown	SUBSTANCE ROLE: Carrier
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 Con	nmission	EU - REACH Exemption	ons
	(/		Exempted from REAC safety	CH Annex IV listing due to intrinsic
SUBSTANCE NOTES:				

FATTY ACIDS				ID: 68424-16-8
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE: 2023	3-06-21 5:52:17
%: 0.0000 - 0.0990	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE 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 listing	gs found on Additional Hazard Lists
SUBSTANCE NOTES:				

PROPRIETARY INGREDIENT				ID: Not Registered
HAZARD DATA SOURCE: Toxno	t Chemical Hazard Screening Library	HAZARD SCR	REENING DATE: 202	3-06-21 5:44:57
%: 0.0000 - 0.0950	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Filler

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:		

ACRYLIC ACID				ID: 9063-87-0
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE: 2023	3-06-21 5:52:17
%: 0.0000 - 0.0770	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE 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 listing	gs found on Additional Hazard Lists
SUBSTANCE NOTES:				

QUARTZ				ID: 14808-60-7
HAZARD DATA SOURCE: Phar	ros Chemical and Materials Library	HAZARD SCRI	EENING DATE: 2023	3-06-21 5:52:17
%: 0.0000 - 0.0690	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Impurity

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
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
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Quartz is a naturally occurring mineral in clay and limestone. Quartz is bound within the product matrix and is not in a respirable form in the final product.

POLYVINYL ACETATE				ID: 9003-20-7
HAZARD DATA SOURCE	E: Pharos Chemical and Materials Library	HAZARD SC	REENING DATE:	2023-06-21 5:52:18
%: 0.0000 - 0.0320	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warn	ings found on HPD Priority Hazard Lists

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: In this product it is not regulated as a hazardous substance. In this product, it is not a registered pesticide under FIFRA. It is not registered persistent material.

LUBRICATING OIL ID: 72623-86-0

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE: 2023-06-21 5:52:18	
%: 0.0000 - 0.0140	GreenScreen: LT-1	RC: None	NANO: Unknown SUBSTANCE ROLE: Lubricant	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	EU - Annex VI CMRs		Carcinogen Category 1B - Presumed Carcinogen based on animal evidence	
MUL	ChemSec - SIN List		CMR - Carcinogen, Mutagen &/or Reproductive Toxicant	
MUL	German FEA - Substances Haza Waters	rdous to	Class 3 - Severe Hazard to Waters	
CAN	GHS - Australia		H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]	
CAN	EU - GHS (H-Statements) Annex	6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]	
SKI	GHS - Australia		H315 - Causes skin irritation [Skin corrosion/irritation - 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]	
GEN	GHS - Japan		H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]	
MAM	GHS - Japan		H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]	
DEV	GHS - Australia		H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]	
CAN	EU - REACH Annex XVII CMRs		Carcinogens: Category 1B	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	ation	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Formulated Consumer Products	



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 UL/GreenGuard Gold Certified**

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Marietta, PA, Pensacola FL, and Macon, GA

CERTIFICATE URL:

https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-

america/certificates/fissured-greenguard-certificate.pdf

**CERTIFICATION AND COMPLIANCE NOTES:** 

ISSUE DATE: 2023-05-24 EXPIRY DATE: 2024-05-02 CERTIFIER OR LAB: UL

# **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.

## **CEILING SUSPENSION SYSTEM**

MANUFACTURER (OR GENERIC): Armstrong World Industries, Inc.

HPD URL: https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/hpds/interlude-hpd.pdf ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Various ceiling suspension options are available.

# Section 5: General Notes

This HPD is provided solely for the intended recipient in connection with its assessment of products and for no other purpose. In providing information, AWI expresses no opinion and makes no representations as to the applicability, suitability, accuracy, or completeness of the declaration form, or the standards, rules, classifications, warnings, or criteria utilized or referenced therein. Please refer to the Armstrong Commercial Ceilings website for more information on this product.

## MANUFACTURER INFORMATION

MANUFACTURER: Armstrong World Industries

ADDRESS: 2500 Columbia Ave Lancaster PA 17603, USA

WEBSITE: www.armstrongceilings.com

CONTACT NAME: Customer Service
TITLE: Customer Service Representative
PHONE: 1-877-276-7876 Option #2
EMAIL: techline@armstrongceilings.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

**CAN** Cancer

**DEV** Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

**GLO** Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

**NEU** Neurotoxicity

NF Not found on Priority Hazard Lists

**OZO** Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

**REP** Reproductive

**RES** Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

**UNK** Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

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)

LT-1 List Translator 1 (Likely Benchmark-1)

LT-UNK List Translator Benchmark Unknown

NoGS No GreenScreen.

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 for compliance with the HPD standard noted.