

ACOUSTIBUILT™ PANELS - Seamless Acoustical Ceiling System

by Armstrong World Industries

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 095000 Ceilings

PRODUCT DESCRIPTION: New seamless acoustical ceiling system offering monolithic visual and Total Acoustics® performance. • Get total noise control and floor plan versatility with Total Acoustics® ceiling panel options: NRC + CAC = Total Acoustics Performance • Finished ACOUSTIBuilt™ panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today • Smooth non-directional, monolithic, drywall-like visual • Installed system achieves acoustical performance of up to NRC (0.70) and CAC (48) • Quick, easy panel installation using Armstrong® Drywall Grid • Similar installation and finishing methods to drywall ceilings • Easier to install than acoustical plaster at a lower cost

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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

ACOUSTIBUILT™ PANELS - SEAMLESS ACOUSTICAL CEILING SYSTEM [FIBERGLASS LT-UNK | CAN PERLITE ORE NoGS CORN STARCH LT-UNK CELLULOSE NoGS CALCIUM CARBONATE LT-UNK POLYVINYL ACETATE LT-UNK POLYVINYL ALCOHOL LT-UNK CLAY LT-UNK | CAN PROPANOL, OXYBIS-, DIBENZOATE LT-P1 | MUL UNDISCLOSED NoGS]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1
 Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals / impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 1000ppm.

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: UL/GreenGuard Gold Certified
 LCA: Environmental Product Declaration
 Other: ILFI Declare - LBC Compliant - Third Party Verified

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

PREPARER: Self-Prepared

SCREENING DATE: 2019-06-05

Yes
 No

VERIFIER: WAP Sustainability Consulting
VERIFICATION #: zPr-7892

PUBLISHED DATE: 2019-06-06
EXPIRY DATE: 2022-06-05



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

ACOUSTIBUILT™ PANELS - SEAMLESS ACOUSTICAL CEILING SYSTEM

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER PRODUCT NOTES: This product is part of the ACOUSTIBUILT panel system.

https://www.armstrongceilings.com/commercial/en-us/commercial-ceilings-walls/acoustibuilt-ceiling-panels.html#redirect_term=ACOUSTIBuilt

FIBERGLASS

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-06-05

#: 70.00 - 75.00

GS: LT-UNK

RC: Both

NANO: No

ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES: The range on this ingredient is provided to protect the specific formulation from the manufacturer and suppliers.

PERLITE ORE

ID: 130885-09-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-06-05

#: 10.00 - 15.00

GS: NoGS

RC: None

NANO: No

ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The range on this ingredient is provided to protect the specific formulation provided by the manufacturer and suppliers.

CORN STARCH

ID: 9005-25-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-06-05

#: 5.00 - 10.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Starch - Binder

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

SUBSTANCE NOTES: The range on this ingredient is provided to protect the specific formulation from the manufacturer and suppliers.

CELLULOSE

ID: 9004-34-6

HAZARD SCREENING METHOD:	HAZARD SCREENING DATE:
Pharos Chemical and Materials Library	2019-06-05

#: 0.00 - 5.00 GS: NoGS RC: Both NANO: No ROLE: Binder

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

SUBSTANCE NOTES: The range on this ingredient is provided to protect the specific formulation from the manufacturer and suppliers.

CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD:	HAZARD SCREENING DATE:
Pharos Chemical and Materials Library	2019-06-05

#: 0.00 - 1.00 GS: LT-UNK RC: None NANO: No ROLE: Filler

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

SUBSTANCE NOTES: Calcium Carbonate used in this product is not regulated as a hazardous substance. Calcium Carbonate is not registered as a persistent material.

The range on this ingredient is provided to protect the specific formulation from the manufacturer and suppliers.

POLYVINYL ACETATE

ID: 9003-20-7

HAZARD SCREENING METHOD:	HAZARD SCREENING DATE:
Pharos Chemical and Materials Library	2019-06-05

#: 0.00 - 1.00 GS: LT-UNK RC: None NANO: No ROLE: Adhesive

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

SUBSTANCE NOTES: The range on this ingredient is provided to protect the specific formulation from the manufacturer and suppliers.

POLYVINYL ALCOHOL

ID: 9002-89-5

HAZARD SCREENING METHOD:	HAZARD SCREENING DATE:
Pharos Chemical and Materials Library	2019-06-05

#: 0.00 - 1.00 GS: LT-UNK RC: None NANO: No ROLE: Binder

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

SUBSTANCE NOTES: The range on this ingredient is provided to protect the specific formulation from the manufacturer and suppliers.

CLAY

ID: 1332-58-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-06-05		
#: 0.00 - 1.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: The range on this ingredient is provided to protect the specific formulation from the manufacturer and suppliers.

PROPANOL, OXYBIS-, DIBENZOATE

ID: 27138-31-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-06-05		
#: 0.00 - 1.00	GS: LT-P1	RC: None	NANO: No	ROLE: Adhesive

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: The range on this ingredient is provided to protect the specific formulation from the manufacturer and suppliers.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-06-05		
#: 0.00 - 1.00	GS: NoGS	RC: None	NANO: No	ROLE: Flame Retardant

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

SUBSTANCE NOTES: The range on this ingredient is provided to protect the specific formulation from the manufacturer and suppliers. The substance is considered proprietary by the supplier and therefore cannot be disclosed publicly, though it has been screened for hazards using the HPD Builder and the results are given.

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

UL/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All**

04-23

05-02

Industries

CERTIFICATE URL:

<https://www.armstrongceilings.com/pdbupimages-clg/221273.pdf/download/acoustibuilt-greenguard-certificate.pdf>

CERTIFICATION AND COMPLIANCE NOTES: **Certificate Number 137718-420**

LCA

Environmental Product Declaration

CERTIFYING PARTY: **UL Environment**

ISSUE DATE: **2019-**

EXPIRY DATE: **2021-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **all**

04-03

03-31

CERTIFICATE URL:

<http://armstrongceilings.com/acoustibuilt>

CERTIFICATION AND COMPLIANCE NOTES: **Product Specific EPD**

OTHER

ILFI Declare - LBC Compliant - Third Party Verified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **ILFI**

APPLICABLE FACILITIES: **all**

05-20

05-20

CERTIFICATE URL: <https://living-future.org/declare-products/acoustibuilt-panels/>

CERTIFICATION AND COMPLIANCE NOTES: **Declare Third Party Verified Label**

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.

ACOUTIBUILT FINE TEXTURE FINISH

HPD URL: [https://builder.hpd-](https://builder.hpd-collaborative.org/actions/builder/7978/record)

[collaborative.org/actions/builder/7978/record](https://builder.hpd-collaborative.org/actions/builder/7978/record)

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Fine texture finish used to complete panel system.

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. Information provided herein is qualified in the entirety by reference to the applicable product Safety Data Sheet (SDS) which can be located at www.armstrongceilings.com, as well as by the additional ingredient information provided for specified substances. Please refer to the Armstrong Commercial Ceilings website for more information on this product.

https://www.armstrongceilings.com/commercial/en-us/commercial-ceilings-walls/acoustibuilt-ceiling-panels.html#redirect_term=ACOUSTIBuilt



MANUFACTURER INFORMATION

MANUFACTURER: **Armstrong World Industries**

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Building 5B

Lancaster PA 17603, United States

WEBSITE: **armstrongceilings.com**

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TITLE: **Environmental Sustainability Manager**

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KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

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

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

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 (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms

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.