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.

All 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
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](http://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.  

### FIBERGLASS

**ID:** 65997-17-3  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-06-05

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
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</thead>
<tbody>
<tr>
<td>70.00 - 75.00</td>
<td>LT-UNK</td>
<td>Both</td>
<td>No</td>
<td>Filler</td>
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</table>

**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

<table>
<thead>
<tr>
<th>%</th>
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<th>ROLE</th>
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<tr>
<td>10.00 - 15.00</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
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**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

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<tbody>
<tr>
<td>5.00 - 10.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Starch - Binder</td>
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**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

- None

**SUBSTANCE NOTES:**
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID:</th>
<th>HAZARD SCREENING METHOD:</th>
<th>HAZARD SCREENING DATE:</th>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
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<tbody>
<tr>
<td><strong>CELLULOSE</strong></td>
<td>9004-34-6</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-05</td>
<td>0.00 - 5.00</td>
<td>NoGS</td>
<td>Both</td>
<td>No</td>
<td>Binder</td>
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<tr>
<td><strong>CALCIUM CARBONATE</strong></td>
<td>1317-65-3</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-05</td>
<td>0.00 - 1.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
</tr>
<tr>
<td><strong>POLYVINYL ACETATE</strong></td>
<td>9003-20-7</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-05</td>
<td>0.00 - 1.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Adhesive</td>
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<tr>
<td><strong>POLYVINYL ALCOHOL</strong></td>
<td>9002-89-5</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-05</td>
<td>0.00 - 1.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
</tr>
</tbody>
</table>

**Substance Notes:**
- The range on this ingredient is provided to protect the specific formulation from the manufacturer and suppliers.
- Calcium Carbonate used in this product in 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.
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
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</thead>
<tbody>
<tr>
<td>CLAY</td>
<td>1332-58-7</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-05</td>
<td>0.00 - 1.00</td>
<td>LT-UNK</td>
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<td>PROPANOL, OXYBIS-, DIBENZOATE</td>
<td>27138-31-4</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-05</td>
<td>0.00 - 1.00</td>
<td>LT-P1</td>
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<td>No</td>
<td>Adhesive</td>
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<td>UNDISCLOSED</td>
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<td>Pharos Chemical and Materials Library</td>
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<td>NoGS</td>
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<td>No</td>
<td>Flame Retardant</td>
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</tbody>
</table>

**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.
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.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>UL/GreenGuard Gold Certified</th>
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<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Third Party</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
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<tr>
<td>ISSUE DATE:</td>
<td>2019-04-23</td>
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<td>EXPIRY DATE:</td>
<td>2020-05-02</td>
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<td>CERTIFIER OR LAB:</td>
<td>UL Industries</td>
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CERTIFICATION AND COMPLIANCE NOTES: Certificate Number 137718-420

<table>
<thead>
<tr>
<th>LCA</th>
<th>Environmental Product Declaration</th>
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</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>UL Environment</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>all</td>
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<tr>
<td>CERTIFICATE URL:</td>
<td><a href="http://armstrongceilings.com/acoustibuilt">http://armstrongceilings.com/acoustibuilt</a></td>
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<tr>
<td>ISSUE DATE:</td>
<td>2019-04-03</td>
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<td>EXPIRY DATE:</td>
<td>2021-03-31</td>
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<tr>
<td>CERTIFIER OR LAB:</td>
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</table>

CERTIFICATION AND COMPLIANCE NOTES: Product Specific EPD

<table>
<thead>
<tr>
<th>OTHER</th>
<th>ILFI Declare - LBC Compliant - Third Party Verified</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Third Party</td>
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<tr>
<td>APPLICABLE FACILITIES:</td>
<td>all</td>
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<td>CERTIFICATE URL:</td>
<td><a href="https://living-future.org/declare-products/acoustibuilt-panels/">https://living-future.org/declare-products/acoustibuilt-panels/</a></td>
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<tr>
<td>CERTIFIER OR LAB:</td>
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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.

ACOUSTIBUILT FINE TEXTURE FINISH

HPD URL: 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

ACOUSTIBUILT PANELS - Seamless Acoustical Ceiling System
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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.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Armstrong World Industries  
**ADDRESS:** 2500 Columbia Avenue  
Building 5B  
Lancaster PA 17603, United States  
**WEBSITE:** armstrongceilings.com  
**CONTACT NAME:** Anita Snader  
**TITLE:** Environmental Sustainability Manager  
**PHONE:** 17173966486  
**EMAIL:** alsnader@armstrongceilings.com

**KEY**

<table>
<thead>
<tr>
<th>OSHA MSDS</th>
<th>GHS SDS</th>
<th>Hazard Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupational Safety and Health Administration Material Safety Data Sheet</td>
<td>Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet</td>
<td>AQU Aquatic toxicity</td>
</tr>
<tr>
<td>BM-4 Benchmark 4 (prefer-safer chemical)</td>
<td></td>
<td>DEV Developmental toxicity</td>
</tr>
<tr>
<td>BM-3 Benchmark 3 (use but still opportunity for improvement)</td>
<td></td>
<td>END Endocrine activity</td>
</tr>
<tr>
<td>BM-2 Benchmark 2 (use but search for safer substitutes)</td>
<td></td>
<td>EYE Eye irritation/corrosivity</td>
</tr>
<tr>
<td>BM-1 Benchmark 1 (avoid - chemical of high concern)</td>
<td></td>
<td>GEN Gene mutation</td>
</tr>
<tr>
<td>BM-U Benchmark Unspecified (insufficient data to benchmark)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GreenScreen (GS)**

| BM-4 Benchmark 4 (prefer-safer chemical) | LT-P1 List Translator Possible Benchmark 1 |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-1 List Translator Likely Benchmark 1 |
| BM-2 Benchmark 2 (use but search for safer substitutes) | LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | NoGS Unknown (no data on List Translator Lists) |
| BM-U Benchmark Unspecified (insufficient data to benchmark) | |

**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**

- 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.