OWAcoustic® fleece covered ceiling tiles by OWA

Health Product Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 328942638080
CLASSIFICATION: 09 51 23 Acoustical Tile Ceilings
PRODUCT TYPE: Acoustical Ceiling Treatment, Mineral Fiber Board
PRODUCT DESCRIPTION: OWA mineral tiles based on bio-soluble mineral wool, are free of asbestos and produced with-out formaldehyde and are 100 % recyclable. Smooth textured fleece covered ceilings offers good absorption and attenuation, light reflectance and durability. OWA fleece covered tiles offers great acoustical performance with NRC of 0.70 - 1.00 and CAC of 23 - 41 dB. OWA ceiling tiles are available in different sizes and edges: • Octave range • Sinfonia range • Humancare range • Brillianto range • Trapeze • Bolero • Ocean • OWAplan board • OWAcolor

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
- ○ Other

Residuals/Impurities Evaluation
- ◉ Completed
- ○ Partially Completed
- ○ Not Completed

Explanation(s) provided :
- ◉ Yes ○ No

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 ○ Yes ◉ No
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

OWACOUSTIC® FLEECE COVERED CEILING TILES [MINERAL WOOL, BIOSOLUBLE AND WITH ALKALINE OXIDE AND ALKALINE EARTH OXIDE CONTENT > 18 % BY WEIGHT Not Screened **CLAY** NoGS **PERLITE** LT-UNK | EYE **STARCH** NoGS **LIMESTONE, CALCIUM CARBONATE** BM-3dg **FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT** LT-UNK **CELLULOSE PULP** NoGS **ACRYLATE DISPERSION** Not Screened **THICKENING AGENT** Not Screened **]**

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials.

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PFAS DETAILS:

This product does **not** contain intentionally added PFAS and materials and substances from suppliers are verified to **not** contain PFAS.

Attestation:

Th. Höllein

2025-06-23

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: Eurofins Indoor Air Comfort GOLD - certified product
Cradle to Cradle Certified - Bronze (V3.1): Cradle to Cradle Certified - Bronze (V3.1)
LCA: Environmental Product Declaration (EPD) by IBU (Arbeitsgemeinschaft Umweltverträgliches Bauprodukt E.V.(AUB)
Ingredients: ILFI Declare - LBC Compliant - Third Party Verified

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- ○ Yes
- ◉ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2025-01-13
PUBLISHED DATE: 2025-07-16
EXPIRY DATE: 2028-01-13

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

OWACOUSTIC® FLEECE COVERED CEILING TILES

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered based on process chemistry via Quartz Project Database. No Residuals or Impurities are expected to be present at or above Content Inventory Threshold that return a GreenScreen score of BM-1, LT-1, LT-P1 or NoGS.

OTHER PRODUCT NOTES: This HPD includes eight different systems of OWAcoustic fleece covered ceiling tiles. To cover the composition of all systems all substances listed within this HPD are indicated with a minimum and a maximum percentage.

MINERAL WOOL, BIOSOLUBLE AND WITH ALKALINE OXIDE AND ALKALINE EARTH OXIDE CONTENT > 18 % BY WEIGHT

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

%: **25.0000 - 85.0000** GreenScreen: **Not Screened** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	

SUBSTANCE NOTES: The Mineral fiber, Index number 650-016-002, fulfilling one of the note Q conditions in the CLP Regulation (EC) No 1272/2008 is not classified as a carcinogen by IARC, NTP, CA Proposition 65 or OSHA. The R40 and H351 phrases below are triggered by a special provision “Note Q”, found only in the EU’s CLP Regulation and for which the applicability to the provided products is neither certain nor adopted by the manufacturer. The world’s leading institute on carcinogen classification, the International Agency for Research on Cancer (IARC) has determined that there is insufficient evidence to classify this material as carcinogenic. The EU’s CLP Regulation focused on creating criteria to characterize biosolubility, but did not provide data to support a causal relationship between the EU test method and actual carcinogenicity.

CLAY

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-01-13 2:39:41**

%: **0.0000 - 35.0000** GreenScreen: **NoGS** RC: **PreC** NANO: **No** 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: Clay used in this product is not regulated as a hazardous substance.

PERLITE

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-01-13 2:39:42**

%: **0.0000 - 35.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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: -

STARCH

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-01-13 2:39:42**

%: **4.0000 - 11.0000** GreenScreen: **NoGS** RC: **PreC** NANO: **No** 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 Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety

SUBSTANCE NOTES: -

LIMESTONE, CALCIUM CARBONATE

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-01-13 2:39:42**

%: **3.0000 - 6.0000** GreenScreen: **BM-3dg** RC: **PreC** NANO: **No** 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: Limestone, calcium carbonate used in this product has a pre consumer recycled content of 1-2 %.

FIBER GLASS, BIOSOLUBLE 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: **2025-01-13 2:39:43**

%: **2.0000 - 5.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** 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
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety

SUBSTANCE NOTES:

CELLULOSE PULP

ID: **65996-61-4**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-01-13 2:39:43**

%: **0.0000 - 2.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** 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 Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety

SUBSTANCE NOTES:

ACRYLATE DISPERSION

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

%: **0.1000 - 1.0000** GreenScreen: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	

SUBSTANCE NOTES: Acrylate dispersion. This substance is undisclosed for proprietary reasons.

THICKENING AGENT ID: **Unknown**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

%: **0.1000 - 1.0000** GreenScreen: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	

SUBSTANCE NOTES: This substance is undisclosed for proprietary reasons.

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 — **Eurofins Indoor Air Comfort GOLD - certified product**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Odenwald Faserplattenwerk Amorbach
CERTIFICATE URL:

ISSUE DATE: 2025-04-02 00:00:00
EXPIRY DATE: 2030-04-02 00:00:00

CERTIFIER OR LAB: Eurofins Product Testing Denmark

CERTIFICATION AND COMPLIANCE NOTES: IAC Gold "IACG-525-01-02-2025"

CRADLE TO CRADLE CERTIFIED - BRONZE (V3.1) — **Cradle to Cradle Certified - Bronze (V3.1)**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All locations
CERTIFICATE URL:

ISSUE DATE: 2024-12-20 00:00:00
EXPIRY DATE: 2026-02-26 00:00:00

CERTIFIER OR LAB: EPEA GmbH

CERTIFICATION AND COMPLIANCE NOTES: Only the following systems are considered Certified Products within the scope of this certification and the associated Trademark License Agreement: • OWAcoustic Sinfonia • OWAcoustic Octave • OWAcoustic Brillianto A

LCA — **Environmental Product Declaration (EPD) by IBU (Arbeitsgemeinschaft Umweltverträgliches Bauprodukt E.V.(AUB)**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Odenwald Faserplattenwerk GmbH Amorbach
CERTIFICATE URL: https://ibu-epd.com/veroeffentlichte-epds/

ISSUE DATE: 2025-06-06 00:00:00
EXPIRY DATE: 2030-06-05 00:00:00

CERTIFIER OR LAB: IBU

CERTIFICATION AND COMPLIANCE NOTES:

INGREDIENTS — **ILFI Declare - LBC Compliant - Third Party Verified**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Odenwald Faserplattenwerk GmbH Amorbach
CERTIFICATE URL: https://declare.living-future.org/products/owacoustic-premium-octave-product-range-sinfonia-product-range

ISSUE DATE: 2025-01-22 00:00:00
EXPIRY DATE: 2026-02-01 00:00:00

CERTIFIER OR LAB: ILFI

CERTIFICATION AND COMPLIANCE NOTES:

QUALITY MANAGEMENT SYSTEMS — **ISO 9001:2015 Quality management systems**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Odenwald Faserplattenwerk GmbH Amorbach
CERTIFICATE URL:

ISSUE DATE: 2024-10-13 00:00:00
EXPIRY DATE: 2027-10-12 00:00:00

CERTIFIER OR LAB: TÜV SÜD

CERTIFICATION AND COMPLIANCE NOTES:

ENVIRONMENTAL MANAGEMENT SYSTEMS — **ISO 14001:2004 Environmental management systems**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Odenwald Faserplattenwerk GmbH Amorbach
CERTIFICATE URL:

ISSUE DATE: 2024-10-13 00:00:00
EXPIRY DATE: 2027-10-12 00:00:00

CERTIFIER OR LAB: TÜV SÜD

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.

OWACONSTRUCT SUSPENSION SYSTEMS
MANUFACTURER (OR GENERIC): **OWA**

HPD URL: https://www.owa.de/en/products/owaconstructsystems/
ACCESSORY TYPE: Other
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: The OWAcoustic fleece covered ceiling tiles are part of the OWAlifetime collection which includes a wide range of high quality mineral and special ceiling tiles that have proven themselves over time and constitute OWA's core business. The high quality construction systems under the OWAconstruct brand can also be found in the new OWAlifetime collection.

Section 5: General Notes

When used properly, the mineral boards maintain their mechanical and physical properties for their entire useful life. Direct contact with water should be avoided due to the bio-soluble binder starch. When correctly installed no dust / particles will be released during the period of use. The limits for formaldehyde, VOC's and TVOC's are in compliance with DIN 18177.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **OWA**
ADDRESS: **Dr.-F.-A.-Freundt-Straße 3**
Amorbach, Bavaria 63916
COUNTRY: **Germany**

WEBSITE: **https://www.owa.de/en/**
CONTACT NAME: **Thomas Höllein**
TITLE: **Dipl.-Ing. (FH) Environmental Acoustics**
PHONE: **+49 9373 201 161**
EMAIL: **thomas.hoellein@owa.de**

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.