

HPD UNIQUE IDENTIFIER: 1019056128

CLASSIFICATION: 09 83 00 Acoustic Finishes

PRODUCT DESCRIPTION: Armourcoat Acoustic Plaster is the final surface layer of the Armourcoat seamless acoustic plaster system. It is a hand applied marble plaster that provides a smooth seamless and durable finished surface. Largely made from recycled materials and with the lowest GWP carbon footprint of all seamless Acoustic plaster systems, Armourcoat is the logical choice for environmentally conscious specifiers. A zero VOC system with a durable surface made from crushed marble , the Armourcoat seamless plaster can be applied in a wide range of colours to flat , curved , vaulted and domed surfaces. Moisture , mold and mildew resistant the Armourcoat finish can also be used in humid areas like spas and indoor pool areas.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i> Characterized ☒ Yes ☐ No <i>Provided weight and role.</i> Screened ☒ Yes ☐ No <i>Provided screening results using HPDC-approved methods.</i> Identified ☐ Yes ☒ No <i>Provided name and CAS RN or other identifier.</i>
☒ Nested Materials Method	☐ 100 ppm	Completed in 5 of 5 Materials	
☐ Basic Method	☒ 1,000 ppm	Explanation(s) provided for Residuals/Impurities?	
Threshold Disclosed Per	☐ Per GHS SDS	☒ Yes ☐ No	
☐ Material	☐ Other		
☒ Product			

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.

NESTED MATERIAL | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*

GREENSCREEN SCORE | HAZARD TYPE

MARBLE - CALCIUM CARBONATE [**CALCIUM CARBONATE** **BM-3**]

EYE] WATER [**WATER (PRIMARY CASRN IS 7732-18-5)** **BM-4**]

ACRYLIC POLYMER [**UNDISCLOSED** **LT-UNK**] **UNDISCLOSED** [**UNDISCLOSED** **LT-UNK**] **METHYL CELLULOSE** [**UNDISCLOSED** **NoGS**]

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

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 - 1,000 ppm] threshold to act as antimicrobials.

This Health Product declaration (HPD) was completed in accordance with the HPD Standard Version 2.3 and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product along with the role and percentage weight therefore Therefore, this HPD qualifies for the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1). Substances not "Identified" arethose considered proprietary to suppliers, and thus are "Undisclosed" on this HPD.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): <1 Regulatory (g/l): N/A

Does the product contain exempt VOCs: No

Are colorants available that do not increase the VOC content of the base paint when tinted: Yes

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

VOC emissions: Eurofins Indoor Air Comfort - certified product

VOC content: ISO 11890-2 VOC content

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2025-01-02
☐ Yes	VERIFIER:	PUBLISHED DATE: 2025-06-25
☒ No	VERIFICATION #:	EXPIRY DATE: 2028-01-02

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

MARBLE - CALCIUM CARBONATE %: 64.0000 - 80.0000

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Geologically Derived Material
RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the ContentInventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).		
OTHER MATERIAL NOTES: May contain small quantities of Magnesium Carbonate		

CALCIUM CARBONATE ID: 471-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-01-02 9:39:29		
%: 100.0000 - 100.0000	GreenScreen: BM-3	RC: PreC	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: Crushed marble (metamorphic limestone) with high purity (99.5% CaCO3). May also be represented by CASRN 471-34-1 (BM-3 | NO). Supplier has confirmed that SiO2 is present at less than 1000 ppm, and according to the regulation (EU) No 1272/2008, this ingredient does not contain any fine fraction classified as STOT RE1

WATER %: 20.0000 - 30.0000

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Other: Water
RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).		
OTHER MATERIAL NOTES: May contain trace levels of dissolved limescale		

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-01-02 9:39:29	
%: 100.0000 - 100.0000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
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:				

ACRYLIC POLYMER

%: 1.5000 - 3.0000

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the ContentInventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).		
OTHER MATERIAL NOTES:		

UNDISCLOSED			ID: Undisclosed	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-01-02 9:39:30	
%: 90.0000 - 100.0000	GreenScreen: LT-UNK	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		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: the material contains a small amount of calcium carbonate to act as an anti caking agent.				

UNDISCLOSED

%: 0.5000 - 1.0000

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Geologically Derived Material
RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the ContentInventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).		
OTHER MATERIAL NOTES:		

UNDISCLOSED				ID: Undisclosed	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-01-02 9:39:30		
%: 100.0000 - 100.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier	
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: The substance has been assessed and tested for its physical , health and environmental hazards and it does not meet the criteria for classification according to directive 67/548/ECC.					

METHYL CELLULOSE		%: 0.0500 - 0.3000	
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Other: Plant based thickener	
RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).			
OTHER MATERIAL NOTES:			

UNDISCLOSED				ID: Undisclosed	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-01-02 9:39:31		
%: 100.0000 - 100.0000 GreenScreen: NoGS RC: None NANO: No SUBSTANCE ROLE: Viscosity modifier					
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: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern)					

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 - certified product	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2021-08-12 00:00:00	CERTIFIER OR LAB: Eurofins
APPLICABLE FACILITIES: All	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: Testing carried out on full Armourcoat Acoustic System by Eurofins Eurofins Indoor Air comfort - Pass BREEAM International - Exemplary Level BREEAM International New Construction v2.0 French VOC Regulations - A+ DEVL1133129A		

VOC CONTENT	ISO 11890-2 VOC content	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2018-05-03 00:00:00	CERTIFIER OR LAB: Eurofins
APPLICABLE FACILITIES: Eurofins Product Testing A/S	EXPIRY DATE:	
Smedeskovvej 38 8464 Galten Denmark		
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: Eurofins VOC testing to ISO 11890-2 Paints and varnishes — Determination of volatile organic compounds(VOC) and/or semi volatile organic compounds (SVOC) content . VOC <1g/l		

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.

BONDPLAST PANEL ADHESIVE
MANUFACTURER (OR GENERIC): Armourcoat Ltd
HPD URL: No HPD available
ACCESSORY TYPE: Adhesive
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Installation of Armourcoat Acoustic System

ARMOURCOAT ACOUSTIC PANEL
MANUFACTURER (OR GENERIC): Armourcoat Ltd
HPD URL: No HPD available
ACCESSORY TYPE: Other
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Installation of Armourcoat Acoustic System

COLOURTREND PIGMENT SYSTEM
MANUFACTURER (OR GENERIC): Chromaflo BV
HPD URL: No HPD Available
ACCESSORY TYPE: Colorant System
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Ultra Low VOC water based tinting system

Section 5: General Notes

MANUFACTURER INFORMATION

MANUFACTURER: **Armourcoat Ltd**
 ADDRESS: **Armourcoat Ltd**
Unit 2&3 Morewood Close
Sevenoaks, Kent TN132HU
 COUNTRY: **UK**

WEBSITE: **www.armourcoat.com**
 CONTACT NAME: **Duncan Mackellar**
 TITLE: **Mr**
 PHONE: **+441732460668**
 EMAIL: **technical@armourcoat.co.uk**

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 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

