

High-Performance Porcelain Stoneware Tiles with Certified Recycled Content for Floor and Wall Applications

by Pamesa Grupo Empresarial, S.L.U.

HPD UNIQUE IDENTIFIER: 12276050548736
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 09 30 13 Ceramic Tiling
PRODUCT TYPE: Porcelain (Tile)

PRODUCT DESCRIPTION: This HPD corresponds to Pamesa Grupo Empresarial, which includes the following commercial brands: Ecoceramic, Navarti, Prissmacer, TAU Cerámica, Pamesa Cerámica, Geotiles and Natucer Cuore. The product covered by this HPD consists of porcelain stoneware ceramic tiles (Bla group) in accordance with UNE-EN 14411, with a water absorption ≤ 0.5%. The main intended use of these products is as flooring, both interior and exterior, and wall and façade cladding, being suitable for application in a wide range of building environments. It represents a selection of models manufactured by dry pressing and high-temperature firing. The products included correspond to the most representative formats and finishes within the commercial range, excluding large-format slab products, which are not covered by this scope.

SCREENING DATE: 2026-05-07
PUBLISHED DATE: 2026-05-07
EXPIRY DATE: 2029-05-07
PREPARER: Self-Prepared

Health Product Declaration v3.0

created via: HPDC Online Builder

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
→ Basic Method	→ Completed	
Threshold Disclosed Per	Explanation(s) provided :	Characterized Yes
→ Product	Yes	Provided weight and role.
Threshold Level		Screened Yes
→ 1,000 ppm		Provided screening results using HPDC-approved methods.
		Identified Yes
		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
HIGH-PERFORMANCE PORCELAIN STONEWARE TILES WITH
CERTIFIED RECYCLED CONTENT FOR FLOOR AND WALL
APPLICATIONS [CLAY NoGS FELDSPAR LT-UNK | MAM BENTONITE
LT-UNK QUARTZ BM-1 * | CAN | MAM | GEN FRITS, CHEMICALS LT-P1
| MUL ZIRCON (ZR(SIO4)) BM-2 ZINC OXIDE BM-1 | END | MUL | AQU |
MAM | REP]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...
LT-P1, BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Ceramic tile inventory has been divided into two parts, ceramic body (97%) and glaze (3%). It should be noted that the declared information is based on the incorporated raw materials to make the final product. Furthermore, glaze inventory was carried out on the basis of the safety data sheets (SDS) provided by the suppliers, due to the confidentiality issues. Information on recycled content is included, representing at least 8% (raw/cooked).

*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT
VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.
VOC emissions: RFCI FloorScore
LCA: Environmental Product Declaration (EPD) by AENOR
Recycled content: ISO 14021:1999 Environmental labels and declarations

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.
Pre-checked for LEED v5 Human Health 1.

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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

HIGH-PERFORMANCE PORCELAIN STONEWARE TILES WITH CERTIFIED RECYCLED CONTENT FOR FLOOR AND WALL APPLICATIONS

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were evaluated through mineralogical analysis and supplier SDS, recognizing that SDS may not identify all residuals or impurities present in this ceramic tile that would require reporting on the HPD; no additional residuals or impurities are expected to be present, except for the quartz already declared, at or above the Content Inventory Threshold that would return a GreenScreen score of BM-1, LT-1, LT-P1, or NoGS.	
OTHER PRODUCT NOTES: Substance ranges are indicated due to varying product thickness, different decoration options and varying composition of natural materials. Primary raw materials may vary depending on supplier, but all meet the same technical specifications and firing process.	

CLAY				ID: 1302-87-0
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-05-07 4:47:06	
?: 50.0000 - 58.0000	GreenScreen: NoGS	RC: PreC	NANO: No	SUBSTANCE ROLE: Ceramic body
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 includes recycled content from pre-consumer ceramic waste. Proportion of clay varies by tile model and thickness.				
Quartz is present as a naturally occurring intrinsic impurity of the clay, incorporated within the product matrix and not in respirable form in the final product.				

FELDSPAR				ID: 68476-25-5
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-05-07 4:47:07		
?: 35.0000 - 40.0000	GreenScreen: LT-UNK	RC: PreC	NANO: No	SUBSTANCE ROLE: Ceramic body
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
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: Feldspar includes recycled content from pre-consumer ceramic waste. Proportion of feldspar varies by tile model and thickness.

Quartz is present as a naturally occurring intrinsic impurity of feldspar, incorporated within the product matrix and not in respirable form in the final product.

BENTONITE

ID: 1302-78-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-05-07 4:47:07**

%: 1.0000 - 4.0000 GreenScreen: **LT-UNK** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Ceramic body**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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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: Bentonite includes recycled content from pre-consumer ceramic waste. Proportion of bentonite varies by tile model and thickness.

Quartz is present as a naturally occurring intrinsic impurity of bentonite, incorporated within the product matrix and not in respirable form in the final product.

QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-05-07 4:47:08**

%: **1.0000 - 4.0000** GreenScreen: **BM-1** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Ceramic body**

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: This content is intentionally added during the manufacturing process. In the final product, quartz is integrated into the material matrix and therefore does not pose a hazard for the intended use of the product.

Quartz is present as a naturally occurring intrinsic impurity in raw materials such as clay, feldspar or bentonite, incorporated within the product matrix and not in respirable form in the final product. During the ceramic tile manufacturing process, a defined proportion of quartz is intentionally added, as indicated in the “Quartz” entry. The remaining quartz content is attributable to its intrinsic presence in the raw materials, resulting in a total quartz content in the tile of approximately 30%.

**Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

%: 1.0000 - 3.0000GreenScreen: LT-P1RC: NoneNANO: NoSUBSTANCE ROLE: Glaze

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Electronics (RoHS)
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Cosmetics & Personal Care Products
SUBSTANCE NOTES: Proportion of frits varies by tile model and thickness.		

ZIRCON (ZR(SIO4))ID: 14940-68-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-05-07 4:47:06	
%: 0.0000 - 1.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Glaze
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: Proportion of zircon varies by tile model and thickness.				

ZINC OXIDEID: 1314-13-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-05-07 4:47:07	
%: 0.0000 - 1.0000	GreenScreen: BM-1	RC: None	NANO: NoSUBSTANCE ROLE: Glaze

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Australia	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products

SUBSTANCE NOTES: Proportion of zinc oxide (ZnO) varies by tile model and thickness.

Section 3: 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	RFCl FloorScore	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: All products. COMPLIANCE URL: https://cdn.scs-certified.com/products/cert_pdfs/PAMESA%20GRUPO%20EMPRESARIAL%20S.L.U._2025_SCS-FS-06088_s.pdf COMPLIANCE NOTES: Regarding indoor air quality, the products are FloorScore® certified and have undergone VOC emissions testing by an independent third party, confirming compliance with applicable requirements.	ISSUE DATE: 2025-05-01	EXPIRY DATE: 2026-04-30
LCA	Environmental Product Declaration (EPD) by AENOR	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: AENOR CONFÍA, S.A.U/GlobalEPD COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: All facilities. COMPLIANCE URL: https://www.aenor.com/documents/d/guest/globalepd-en-17160-052-pamesa-bla-eng COMPLIANCE NOTES: The company has its own Environmental Product Declarations (EPDs), guaranteeing a 50-year service life, and management systems certified in accordance with ISO 9001 (quality management) and ISO 14001 (environment management).	ISSUE DATE: 2025-09-26	EXPIRY DATE: 2030-09-25
RECYCLED CONTENT	ISO 14021:1999 Environmental labels and declarations	
COMPLIANCE TYPE: Self-declaration CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SGS INTERNATIONAL CERTIFICATION SERVICES IBÉRICA S.A. COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: This certification applies to all manufacturing plants and products covered by this HPD, with the exception of large-format slab products, which are excluded from this scope. COMPLIANCE URL: COMPLIANCE NOTES: The product includes recycled content certified in accordance with ISO 14021:2017 and verified by an independent third party, ensuring the traceability, reliability, and accuracy of the declared values. The corresponding certificate records the following results: powder has a recycled content of 8.2%, while in its wet form this content amounts to 53.9%.	ISSUE DATE: 2026-01-16	EXPIRY DATE: No expiration

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

Section 5: General Notes

This HPD covers all "Pamesa Grupo Empresarial" porcelain stoneware tiles. The ceramic product described in this HPD is a mineral-based, inert, stable, and non-reactive material, whose composition and high-temperature manufacturing process ensure long-term stability throughout its service life. Due to its inorganic nature, it does not emit volatile organic compounds (VOCs), does not release hazardous substances under normal conditions of use, and does not promote microbial growth.

Therefore, the product demonstrates a safe performance under normal conditions of use.

In addition, VOC emissions have been tested and certified by an independent body, confirming the absence of relevant emissions and compliance with applicable indoor air quality requirements.

The products included in this HPD correspond to the most representative formats and finishes within the commercial range. The most typical intended use is as flooring, both interior and exterior, and wall and facade cladding.

As a vertically integrated manufacturer, the company controls its own raw materials and production processes. This enables the internal recovery and reuse of manufacturing waste, including water, raw materials (clays), unfired ("green") material and fired ceramic material, contributing to a circular production model and the continuous improvement of the product's environmental performance.

This approach is complemented by the certification of recycled content in accordance with ISO 14021 verified by an independent third party, as well as other environmental and quality certifications of the group, reinforcing product transparency and sustainable performance.

Information regarding intended use, installation instructions, maintenance and cleaning, as well as end-of-life waste management, is available on the websites of the different commercial brands, ensuring proper use of the product throughout its life cycle.

In the ceramic tile manufacturing process, the tiles are subjected to a thermal process above 1000°C. At these temperatures, any organic compounds in the compositions decompose. For this reason, the organic compounds incorporated as a raw materials have not been listed in the "Content Inventory", Section 2.

The finished product, in its original form, does not present significant adverse effects on human health or the environment. However, during installation operations such as mechanical cutting, drilling, or scraping may be required, during which dust containing potentially respirable crystalline silica may be generated. In such cases, the application of appropriate control measures is recommended.

MANUFACTURER INFORMATION

MANUFACTURER: **Pamesa Grupo Empresarial, S.L.U.**
ADDRESS: **Calle Pina de Montalgrao, 2 Km 2**
Vila-real, Castelló 12540
COUNTRY: **Spain**

WEBSITE: **<https://www.pamesagrupoempresarial.com/>**
CONTACT NAME: **Sergio Alcácer**
TITLE: **Occupational Health, Safety and Environmental Manager**
PHONE: **+34 964507500**
EMAIL: **salcacer@pamesa.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	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 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.