

Name PORCELAIN TILES



Product ID BETON, EVOLUTION, MICROCEMENT, REGENERATION, METAL, INOX & METAL 2.0

Classification

Website www.apavisa.com

Manufacturer Address Apavisa Porcelanico, S.L Ctra. Castellón-San Juan de Moró, Hm. 7.5 San Juan de Moró , Castellón 12130 SPAIN

Contact Name MAX APARICI Title TECHNICAL DIRECTOR Phone 00 34 964 701067 Email maxaparici@apavisa.com; belen.monterde@apavisa.com

Description PORCELAIN TILES Water absorption E <0,5%, in conformity with annex G, ISO 13006:2012 and EN 14411:2012 "Ceramic tiles-definitions, classification, characteristics, evaluation of conformity and marking"

Release Date 2015-05-08 Expiry Date 2018-05-08 HPD URL https://tool.hpdcollaborative.org/uploads/files/hpds/560/1651-20150508081654.pdf

- Self-declared Second Party Third Party

Certifier Certificate #

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure

- Measured 100 ppm (ideal) Measured 1000 ppm Predicted by process chemistry As per MSDS (1,000 & 10,000 ppm) Not disclosed Other

Full Disclosure of Intentional Ingredients

Yes No

Full Disclosure of Known Hazards

Yes No

Disclosure Notes

According to the European legislation IPPC, also applicable in Spain, there is a yearly measurement of our residual content. http://www.prtr-es.es/informes/fichacomplejo.aspx?Id_Complejo=500

Contents in Descending Order of Quantity

Silica, amorphous , ALUMINUM OXIDE , SILICA, FUSED , SODIUM OXIDE

Hazards

- PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation Development Reproductive Endocrine Respiratory

Highest concern GreenScreen score - List Translator Unspecified

- Neurotoxicity Mammal Skin or Eye Aquatic toxicity Land toxicity Physical hazard Global warming Ozone depletion Multiple Unknown

Total VOC Content

Material (g/L) N/A Regulatory (g/L) N/A

Does the product contain exempt VOCs?

N/A Yes No

Are there VOC-free tints available?

N/A Yes No

Notes

Certifications + Compliance

VOC Emissions Zero VOC emissions - independent lab report - CDPH/EHLB Standard Method V1.1

VOC Content N/A

LCA Management Environmental Product Declaration (EPD) ISO 14001

Management ISO 9001

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

GS: GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
Silica, amorphous		55 - 65 %	LT-U	PI	N	Compound of the dry powder’s raw material
None found	No warnings found on HPD Priority lists					
At the end of the process the product is inert, after firing it at more than 2150° F.						
ALUMINUM OXIDE	1344-28-1	17 - 21 %	LT-U	PI	N	Compound of the dry powder’s raw material
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
At the end of the process the products is inert, after firing it at more than 2150° F. The mask should be used when cutting tiles.						
SILICA, FUSED	60676-86-0	5 - 10 %	LT-U	PI	N	Raw material
None found	No warnings found on HPD Priority lists					
At the end of the process the product is inert, after firing it at more than 2150° F.						
SODIUM OXIDE	1313-59-3	4 - 8 %	LT-U	PI	N	Compound of the dry powder’s raw material
None found	No warnings found on HPD Priority lists					
At the end of the process the products is inert, after firing it at more then 2150° F.						

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL

Applicable Facilities			
Notes			
VOC Emissions	Zero VOC emissions - independent lab report - CDPH/EHLB Standard Method V1.1		Air Quality Sciences
	1st party manufacturer claim	2013-06-06	www.apavisa.com
	APAVISA PORCELANICO, S.L. Ctra. Castellón-San Juan de Moró, Hm. 7.5, 12130 San Juan de Moró (Castellón) SPAIN		
	Quoting LEED, "tile is fired at very high temperatures, usually in excess of 1800°F. At such high temperatures, any organics that might be present in clays or binders are completely burned away. As a result, the final product is inert and has no VOCs that can be emitted. Due to its VOC-free nature, ceramic and porcelain tile products are exempt from all testing criteria specified by LEED®. These exemptions were first introduced in the document addenda issued by USGB in April, 2010		
VOC Content	N/A		
Recycled Content	Not tested		
LCA	Environmental Product Declaration (EPD)		The Green Standard
	3rd party independent certification	2014-12-10	www.apavisa.com
	APAVISA PORCELANICO, S.L. Ctra. Castellón-San Juan de Moró, Hm. 7.5, 12130 San Juan de Moró (Castellón) SPAIN		
Management	ISO 9001		TÜV Rheinland Iberica Inspection
	3rd party independent certification	2014-01-31	2016-12-24 www.apavisa.com
	APAVISA PORCELANICO, S.L. Ctra. Castellón-San Juan de Moró, Hm. 7.5, 12130 San Juan de Moró (Castellón) SPAIN		
	Commercialization of porcelain and other ceramic products. Updated certificate available on www.apavisa.com		
Management	ISO 14001		TÜV Rheinland Iberica Inspection
	3rd party independent certification	2014-01-31	2016-12-24 www.apavisa.com
	APAVISA PORCELANICO, S.L. Ctra. Castellón-San Juan de Moró, Hm. 7.5, 12130 San Juan de Moró (Castellón) SPAIN		
	Commercialization of porcelain and other ceramic products. Updated certificate available on www.apavisa.com		

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.

Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	

NOTES

ISO 13006 Ceramic tiles - Definitions, classification, characteristics and marking. TERMS AND DEFINITIONS: 1) CERAMIC TILE: thin slabs made from clays and/or other inorganic raw materials, generally used as coverings for floors and walls, shaped by pressing at room temperature ,then dried and subsequently fired at temperatures sufficient to develop the required properties. tiles may be glazed or unglazed and they are incombustible and unaffected by light. 2)PORCELAIN TILE: fully vitrified tile with water absorption coefficient less than or equal to a mass fraction of 0.5%