

Name FLORIM Ceramic tiles in fine glazed and unglazed porcelain stoneware



Product ID
Website

Classification

www.florim.it

Manufacturer Address
FLORIM Ceramiche SpA
Via Canaletto, 24
Fiorano Modenese, Modena 41042
Italy

Contact Name
Title
Phone
Email

Marco Maffei
Dr
+390536840111
maffeim@florim.it

Description
Ceramic tiles in fine glazed and unglazed porcelain stoneware with water absorption E<0.1%, in conformity with annex G, ISO 13006:2012 and EN 14411:2012 "Ceramic tiles - Definitions, classification, characteristics, evaluation of conformity and marking".

For more information visit:

- www.florim.it
- www.floorgres.it
- www.rex-cerart.it
- www.cerim.it
- www.casadolcecasa.com
- www.casamood.com
- www.florimsolutions.com

Release Date
Expiry Date
HPD URL

2015-04-02
2018-04-02
<https://tool.hpdcollaborative.org/uploads/files/hpds/1222/3136-20150402110037.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

Contents in Descending Order of Quantity

Silica, amorphous , SILICA, FUSED , Mullite (Al6O5(SiO4)2) , albite , Zirconium silicate

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)
Regulatory (g/L)

N/A
N/A

Does the product contain exempt VOCs?
Are there VOC-free tints available?

N/A
 N/A

Yes
 Yes

No
 No

Notes

Certifications + Compliance

VOC Emissions GreenGuard - Gold (previously Children & Schools)

GreenGuard - Indoor Air Quality Certified

Recycled Content Management Recycled Content Certification
ISO 9001

VOC Content N/A

Multi-attribute EU Ecolabel - Hard Coverings

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		52 - 70 %	LT-U	N	N	Raw material for the body
None found	No warnings found on HPD Priority lists					
The ceramic tile is classified as "inert" and is fully vetrified. This item includes also plagioclase (from 7% to 8%).						
SILICA, FUSED	60676-86-0	21 - 30 %	LT-U	N	N	Raw material for the body
None found	No warnings found on HPD Priority lists					
The ceramic tile is classified as "inert" and is fully vetrified.						
Mullite (Al₆O₅(SiO₄)₂)	1302-93-8	7 - 15 %	LT-U	N	N	Raw material for the body
None found	No warnings found on HPD Priority lists					
The ceramic tile is classified as "inert" and is fully vetrified.						
albite	12244-10-9	0 - 4 %		N	N	Ceramic Flux
None found	No warnings found on HPD Priority lists					
The ceramic tile is classified as "inert" and is fully vetrified.						
Zirconium silicate	1344-21-4	0 - 1 %	LT-U	N	N	Ceramic Whitening
None found	No warnings found on HPD Priority lists					
The ceramic tile is classified as "inert" and is fully vetrified.						

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	GreenGuard - Gold (previously Children & Schools)			GreenGuard Environmental Institute (GEI)
	3rd party independent certification	2014-04-17		productguide.ulenvironment.com/SearchResults.aspx?BrandID=1860
	Florim Ceramiche SpA, Via Canaletto 24, 41042, Fiorano Modenese, (MO), Italy			
	Sustainable Building Programs Credits & Codes: This Product Contributes To: ASHRAE 189.1 8.4.2.3 : Floor Covering Materials Australian Green Star - Education IEQ Credit 8 : Flooring/Furniture Australian Green Star - Healthcare IEQ Credit 13 : Flooring Systems Australian Green Star - Office IEQ Credit 13 : Flooring Systems Australian Green Star - Retail Centre IEQ Credit 8 : Flooring Systems CHPS 2.2.3 : Flooring Systems Green Globes 12.2.3 : Flooring Systems 3.7.2.1.4 Volatile Organic Compound - Flooring & Other Interior Products Green Guide for Health Care 2.2 EP Credit 3.3 : Flooring Systems EQ Credit 4.3 : Flooring Systems International Green Construction Code 806.4 (2) : Flooring A108.5 : TVOC Project Elective LEED 2008 for Homes MR 2: Environmentally Preferable Products - Floor MR Credit 2.2 : Low-Emissions Materials LEED 2009 for Commercial Interiors IEQ Credit 4.3 : Flooring Systems LEED 2009 for Core & Shell IEQ Credit 4.3 : Flooring Systems LEED 2009 for New Construction IEQ 4.3 : Flooring Systems LEED 2009 for Retail: Commercial Interiors IEQ Credit 4: Option C : Flooring Systems LEED 2009 for Retail: New Construction IEQ Credit 4: Option C : Flooring Systems LEED 2009 for Schools IEQ Credit 4.3 : Flooring Systems LEED v4 - Building Design & Construction EQ Credit 1: Enhanced Indoor Air Quality Strategies – Option 2 Additional Enhanced IAQ Strategies - D EQ Credit 2: Low-Emitting Materials EQ Credit 4: Indoor Air Quality Assessment - Option 2 Air Testing LEED v4 - Homes EQ Credit 2: Contaminant Control – Option 4 Air Testing EQ Credit 7: Low-Emitting Materials LEED v4 - Interior Design & Construction EQ Credit 1 - Enhanced Indoor Air Quality Strategies-Option 2D EQ Credit 2: Low-Emitting Materials EQ Credit 4: Indoor Air Quality Assessment - Option 2 Air Testing LEED v4 - Operations & Maintenance MR Credit 2: Purchasing – Facility Maintenance and Renovation – Option 1 NAHB Green Building Standard (ICC 700) 901.7 : Hard-Surface Flooring New Zealand Green Star - Office IEQ Credit 3 : Flooring Systems South Africa Green Star - Office IEQ Credit 3 : Flooring Systems			
VOC Emissions	GreenGuard - Indoor Air Quality Certified			GreenGuard Environmental Institute (GEI)
	3rd party independent certification	2014-04-17		productguide.ulenvironment.com/SearchResults.aspx?BrandID=1860
	Florim Ceramiche SpA, Via Canaletto 24, 41042, Fiorano Modenese, (MO), Italy			
VOC Content	N/A			
Recycled Content	Recycled Content Certification			Bureau Veritas Italia S.p.a.
	3rd party independent certification	2008-06-20		www.bureauveritas.it
	Florim Ceramiche SpA, Via Canaletto 24, 41042, Fiorano Modenese (MO), Italy			
	The certification is applied to the products listed in the certificate available on: www.floorgres.it , www.cerim.it , www.rex-cerart.it , www.casadolcecasa.com .			
Multi-attribute	EU Ecolabel - Hard Coverings			European Commission

	Government enforced claim	2013-06-19	2017-11-30	ec.europa.eu/environment/ecolabel/
	Florim Ceramiche SpA, Via Canaletto 24, 41042, Fiorano Modenese (MO), Italy			
	The ecolabel certification is applied to the products listed in the attached certificate			
Management	ISO 9001			unspecified
		1999-06-29		www.tuv.it
	Florim Ceramiche SpA, Via Canaletto 24, 41042, Fiorano Modenese (MO), Italy			
	The FLORIM management system is certified by TUV SUD according to the standards: ISO 9001 - Quality management system / ISO 14001 - Environment management system / ISO 50001 - Energy management system / BS OHSAS 18001 - Occupational health and safety management system /. Updated certificates are available on www.florim.it			

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	
Adhesives.	
All installations.	

NOTES

- 1) Ceramic tiles do not release hazardous substances after installation: during the firing process stable chemical compounds are formed, so the ceramic tiles are not considered hazardous to health. Activities such as cutting, grinding, drilling etc. of ceramic tiles may form dust, the direct inhalation of this dust may be hazardous to health and must be avoided. It is necessary to prevent the dispersion / inhalation of dust with aspiration systems and using personal protective equipment of the respiratory tract.
- 2) ISO 13006 Ceramic tiles — Definitions, classification, characteristics and marking TERMS AND DEFINITIONS: CERAMIC TILE: thin slab made from clays and/or other inorganic raw materials, generally used as covering for floors and walls, usually shaped by extruding or pressing at room temperature, but may be formed by other processes, then dried and subsequently fired at temperatures sufficient to develop the required properties. Note: Tiles may be glazed (GL) or unglazed (UGL); they are incombustible and are not affected by light. PORCELAIN TILE: fully vitrified tile with water absorption coefficient less than or equal to a mass fraction of 0,5 %, belonging to groups A1a and B1a.