



# HPD

## CERTIFICATION

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## AVA COLLECTION

CLASSIFICATION: 09 30 00 - Tiling: Ceramic tile materials.

PRODUCT DESCRIPTION: Porcelain stoneware tiles and slabs for floors and walls

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
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided  
for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

Characterized  Yes  No

Percent Weight and Role Provided?

Screened  Yes  No

Using Priority Hazard Lists with Results Disclosed?

Identified  Yes  No

Name and Identifier Provided?

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.

[MATERIAL](#) | [SUBSTANCE](#) | [RESIDUAL OR IMPURITY](#)

[GREENSCREEN SCORE](#) | [HAZARD TYPE](#)

[CERAMICHE MARCA CORONA PORCELAIN STONEWARE TILES AND SLABS FOR FLOORS AND WALLS- REV.2.0 \[ HIGH TEMPERATURE FULLY VITRIFIED CERAMIC MATERIAL NoGS \]](#)

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen

Benchmark or List translator Score ... UNK

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

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: VOC determination

Management: OHSAS 18001

Management: ISO 9001

Recycled content: Recycled content

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-08-23

PUBLISHED DATE:

EXPIRY DATE: 2021-08-23

## 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 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### CERAMICHE MARCA CORONA PORCELAIN STONWARE TILES AND SLABS FOR FLOORS AND WALLS- REV.2.0

PRODUCT THRESHOLD: Other

RESIDUALS AND IMPURITIES

CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Individual ingredients used to formulate the product (like clay, sand, feldspar, colours for the body) undergo both physical and chemical reactions that form the final fired, greifcated and vitrified ceramic product.

OTHER PRODUCT NOTES: Marca Corona ceramic tiles and slabs are manufactured with an high-temperature firing process. The final product is fully vitrified. Water absorption of Marca Corona porcelain stoneware is classified in the lowest class: BIa (less than 0,5%), based on ISO 13006 - EN 14411 (annex G) International standards.

#### HIGH TEMPERATURE FULLY VITRIFIED CERAMIC MATERIAL

ID: Undisclosed

%: 100.0000 - 100.0000	GS: NoGS	RC: None	NANO: No	ROLE: The final product is fully vitrified, fired at high temperature (1.225 °C or 2.237 °F)
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The final products (ceramic porcelain tiles and slabs for floors and walls, for internal and external use), are inert and fully vitrified

## 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

### VOC determination

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2015-09-23** EXPIRY DATE:  
CERTIFIER OR LAB: **Main Laboratory Sassuolo**  
APPLICABLE FACILITIES: **Ceramiche Marca Corona - via Emilia Romagna 7 - 41049 Sassuolo (MO)**  
CERTIFICATE URL: <http://www.mainlaboratorysassuolo.it/>  
CERTIFICATION AND COMPLIANCE NOTES:

### MANAGEMENT

### OHSAS 18001

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2018-02-20** EXPIRY DATE: **2021-02-20** CERTIFIER OR LAB: **DNV-GL**  
APPLICABLE FACILITIES: **Ceramiche Marca Corona, via Emilia Romagna 7 - 41049 Sassuolo (MO) - ITALY**  
CERTIFICATE URL: <https://www.dnvgl.it/>  
CERTIFICATION AND COMPLIANCE NOTES:

### MANAGEMENT

### ISO 9001

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2001-08-30** EXPIRY DATE: **2018-09-15** CERTIFIER OR LAB: **DNV-GL**  
APPLICABLE FACILITIES: **Ceramiche Marca Corona, via Emilia Romagna 7 - 41049 Sassuolo (MO) - ITALY**  
CERTIFICATE URL: <https://www.dnvgl.it/>  
CERTIFICATION AND COMPLIANCE NOTES:

### RECYCLED CONTENT

### Recycled content

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2015-09-01** EXPIRY DATE: **2018-09-18** CERTIFIER OR LAB: **DNV-GL**  
APPLICABLE FACILITIES: **Ceramiche Marca Corona, via Emilia Romagna 7 - 41049 Sassuolo (MO) - ITALY**  
CERTIFICATE URL: <https://www.dnvgl.it/>  
CERTIFICATION AND COMPLIANCE NOTES:

### LCA

### PEF - Product Environmental Footprint

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2017-03-30** EXPIRY DATE:  
CERTIFIER OR LAB: **DNV-GL**  
APPLICABLE FACILITIES: **Ceramiche Marca Corona, via Emilia Romagna 7 - 41049 Sassuolo (MO) - ITALY**  
CERTIFICATE URL: <https://www.dnvgl.it/>  
CERTIFICATION AND COMPLIANCE NOTES:

### LCA

### FDES - Fiche de Declaration Environnementale et Sanitaire

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2017-11-22** EXPIRY DATE:  
CERTIFIER OR LAB: **Bureau Veritas Codde / EVEA**  
APPLICABLE FACILITIES: **Ceramiche Marca Corona, via Emilia Romagna 7 - 41049 Sassuolo (MO) - ITALY**  
CERTIFICATE URL:  
CERTIFICATION AND COMPLIANCE NOTES:

### MULTI-ATTRIBUTE

### ISO 14021 environmental claims declaration

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2018-06-28** EXPIRY DATE: **2021-06-** CERTIFIER OR LAB: **DNV-GL**

**LCA****EPD - Environmental Product Declaration**CERTIFYING PARTY: **Third Party**ISSUE DATE: **2017-12-21**EXPIRY DATE: **2022-12-**CERTIFIER OR LAB: **ICMQ ITALIA**APPLICABLE FACILITIES: **Ceramiche Marca Corona, via Emilia****01****Romagna 7 - 41049 Sassuolo (MO) - ITALY**CERTIFICATE URL: <https://www.icmq.it/>

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.*

No accessories are required for this product.

**+ Section 5: General Notes**

ISO 13006 Ceramic tiles — Definitions, classification, characteristics and marking **TERMS AND DEFINITIONS: 1)**

**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, then dried and subsequently fired at temperatures sufficient to develop the required properties. Tiles may be glazed (GL) or unglazed (UGL); they are incombustible and are not affected by light. **2) 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



**MANUFACTURER INFORMATION**

MANUFACTURER: **CERAMICHE MARCA CORONA**  
 ADDRESS: **Via Emilia Romagna, 7**  
**Sassuolo MO 41049, ITALY**  
 WEBSITE: **www.marcacorona.it**

CONTACT NAME: **Davide Carra**  
 TITLE: **quality manager**  
 PHONE: **+39 0536 867200**  
 EMAIL: **info@marcacorona.it**

**KEY**

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet  
**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**Hazard Types**

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

**Recycled Types**

**PreC** Preconsumer (Post-Industrial)  
**PostC** Postconsumer  
**Both** Both Preconsumer and Postconsumer  
**Unk** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms**

**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.*