

1. PRODUCT NAME

Gemma Collection Data Sheet

2. MANUFACTURER

StonePeak Ceramics, Inc.
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3. PRODUCT DESCRIPTION

Gemma Collection – The captivating beauty of marble is represented in this stunning new US-made collection. With five colors ranging from light hues of onyx to bold black in sizes 12x24 and 24x48, the Gemma collection delivers a luxurious and timeless style that will elevate any residential or commercial space. The Gemma collection comes in honed and polished finishes, two mosaic styles, and a trim piece set.

Recommended Applications:

Ideally suited for commercial and residential floors and walls.

Finishes/Textures:

- Thru Color
- Honed
- Polished

Size/thickness:

24" x 48" 1/3" nominal *(8 mm)
12" x 24" 1/3" nominal *(8 mm)

*Denotes work size per ISO 10545-2

Recommended Grout Joint: 3/32" or greater

Grout joints of 1/8" inch or less, especially with larger format tiles or running bond patterns, may require floor flatness values in excess of the 1/4" in 10' (or 1/16" in 1.0') standard required by ANSI.

For patterns with running bond/brick joints patterns StonePeak recommends a maximum of 33% offset.

StonePeak Ceramics, Inc. Trim System

A variety of bullnose, cove base and mosaic tiles are available for complete design aesthetics.

Refer to **StonePeak Ceramics Product Catalog**

4. TECHNICAL DATA

Physical – Visual Properties	ASTM TEST	Industry Standard	StonePeak
Water absorption	C373	Impervious <0.5%	≤0.1%
Thickness Dimension	C499	Range ± 0.04 Inc. Max.	±0.04 Inc.
Facial Dimension	C499	± 0.25 %	≤ ± 0.25%
Warpage average diagonal	C485	±0.40 %	≤ ± 0.40%
Warpage average edge	C485	±0.40 %	≤ ± 0.40%
Wedging	C502	± 0.25 %	≤ ± 0.25%
Bond Strength	C482	≥ 50 psi	≥ 200 psi
Breaking Strength	C648	≥250 lb.	≥ 400 lb.
Hardness (Mohs)	Scratch Test (No regulated)	Range 0 - 10	≥ 7
Visible Abrasion Resistance for Glaze tiles	C1027	No Requirement, Range 0 - 5	Class 3 - 4 Depending by color
Frost Resistance	C1026	No sample must show alterations to surface	No evidence of Damage
Chemical Resistance	C650	No Requirement, Range E - A	Class A
Stain Resistance	C1378	No Requirement, Range E - A	Class A*
DCOF	BOT 3000	≥0.42*	≥0.42*
Aesthetic Classification	Visual Evaluation Shade & texture	No Requirement, Range V0 -V4	V3

* All values given for Honed material etc.

5. INSTALLATION

Surface preparations:

All installation work using StonePeak Ceramics' tiles will conform to the standards set forth in the latest version of ANSI A108/118 and/or the TCNA Handbook for Ceramic Tile installations.

All substrates should be between 40 degrees F and 90 degrees F and structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or curing compounds as per ANSI A108.01.

Deflection:

Substrate must conform to all state and local building code requirements and ANSI A108.01 for maximum allowable substrate deflection

Movement joints:

Movement joints shall be provided throughout the tile and work will conform to ANSI Specification A108.01-3.7; A108.02 – 4.4.and TCNA Details EJ171.

Installation or setting materials:

Setting materials used will conform to the ANSI 118.4 standard or greater and be recommended by the selected manufacturer for the installation & setting materials for ceramic or porcelain tile based on the application requirements.

6. AVAILABILITY AND COST

StonePeak Gemma Collection is available from selected distributors of ceramic tile.

To find accessible information of delivery and product costs for your area, please contact your nearest StonePeak Ceramics distributor.

See our website the find a distributor near you: <http://www.StonePeakceramics.com/services-where to buy.php>

7. WARRANTY

StonePeak Ceramics guarantees that its products will be free of manufacturing defects and they will meet or exceed the performance specifications set forth in ANSI 137.1.

For further information and details please contact your nearest StonePeak Ceramics Distributor for a written copy of the warranty information.

For distributor information go to our website: <http://www.StonePeakceramics.com/services-where to buy.php>

8. MAINTENANCE

Care and Maintenance Recommendations Guide

Please refer to **StonePeak Ceramics Care and Maintenance Recommendations Guide** for all technical information as to the care of this collection.

9. TECHNICAL SERVICES

Technical Assistance

Guide Specifications, literature, MSDS, tile samples, details and installation procedures are all available for your use or libraries.

Please contact your nearest StonePeak representative for catalogues, physical samples or architectural binders.

Continued Education Programs are available – **1 or 2 hour HSW Learning Units** – contact StonePeak Ceramics' main office to set up a presentation.

10. FILING SYSTEMS

Gemma Collection



Bianca



White Onyx



Grey Onyx



Beige Onyx



Notte

11. ENVIRONMENTAL CERTIFICATIONS

StonePeak proudly contain factory and product certifications:



12. RECYCLED CONTENT

Products certified by Bureau Veritas. Please ask to see certifications.