



### 1. PRODUCT NAME

## KLASTOS COLLECTION

### TECHNICAL DATA SHEET

### 2. MANUFACTURER

#### Stonepeak Ceramics, Inc.

720 N. Franklin St., Ste 500, Chicago, IL 60654 US

#### Production Factory:

238 Porcelain Tile Dr., Crossville, TN 38555 US

Telephone: 312.506.2800

Email: [info@stonepeakceramics.com](mailto:info@stonepeakceramics.com)

Website: [stonepeakceramics.com](http://stonepeakceramics.com)

### 3. PRODUCT DESCRIPTION

**Klastos Collection** – discover beauty of a clastic rock composed of delicate fragments represented in this new US-made collection. Klastos offers five natural colors ranging from a soft white to deep grey shade with illusion of clastic rocks formed from the cementation of these uniquely shaped fragments. Bring some Mediterranean flair to elevate your architectural space.

#### Recommended Applications:

**Ideally suited for commercial and residential floors and walls.**

#### Finishes/Textures:

- Color Body
- Honed + (the Honed+ finish is distinctly rich to the touch and non-reflective, creating an exceptionally natural result).
- Rectified

#### Sizes/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 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 Properties	ASTM Test	Industry Standards	Stonepeak Results
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 Average	C502	± 0.25%	≤ ±0.25%
Bond Strength	C482	≥ 50 psi	≥ 200 psi
Breaking Strength	C648	≥250 lbf	≥ 400 lbf
Hardness (Mohs)	Scratch Test (No regulated)	Range 0 -10	≥7
Visible Abrasions Resistance for Glaze Tiles	C1027	No Requirement Range 0 – 5	Class 4
Frost Resistance	C1026	No samples 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 Acutest	BOT 3000	≥ 0.42*	≥ 0.42*
Aesthetic Class/Shade Rating	Visual Evaluation Shade & Texture	No Requirement Range V0 – V4	V2

DCOF\*: all values given are for matte or honed material. No values are given for polished material. Stonepeak does not recommend polished surfaces in areas subject to exposure from grease, oil or water.

### 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 Klastos 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, SDS, 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**

**Klastos Collection**

Klastos White



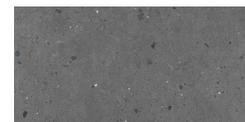
Klastos Greige



Klastos Beige



Klastos Dark Grey



Klastos Light Grey



**11. ENVIRONMENTAL CERTIFICATIONS**

Stonepeak proudly contain factory and product certifications:



**12. RECYCLED CONTENT**

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