



## 1. PRODUCT NAME

# SOLUMBRIA 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

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

## 3. PRODUCT DESCRIPTION

**Solumbria Collection** – inspired by the sun-kissed landscapes of Italy, and celebrates the rich tradition of travertine crosscut stone. Crafted with meticulous artistry, these porcelain solutions evoke the warmth and beauty of sunlit terraces, ancient Roman architecture, and the essence of La Dolce Vita.

The collection includes three sizes 12”x24”, 24”x24” and 24”x48”, and offers two new finishes: the innovative Honed+ which combines exceptionally high slip resistance with a non-reflective look, and Natural Gloss, a breathtaking natural surface enriched by strategically positioned glossy highlights, striking the surface and accentuating the veining.

### Recommended Applications:

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

### Finishes/Textures:

- Color Body
- Rectified
- Honed+ / Natural Gloss

### Sizes/Thickness:

24” x 48” x 5/16” nominal \*(8 mm)

24” x 24” x 5/16” nominal \*(8 mm)

12” x 24” x 5/16” 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/brick joints, 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, Stonepeak recommends a maximum of 33% offset.

### Stonepeak Ceramics Trim System

A 4”x24” bullnose and 3”x3” hexagon mosaics on the 12”x12” mesh sheet are available to complete a variety of design aesthetics.

Refer to **Stonepeak Ceramics Product Catalog**.

## 4. TECHNICAL DATA

Physical Properties	ASTM Test	Industry Standards	Stonepeak Results <sup>(1)</sup>
Water Absorption	C373	Impervious < 0.5 %	≤ 0.5%
Thickness Dimension	C499	Range ± 0.04 Inc. Max	≤ ± 0.04 Inch
Facial Dimension	C499	± 0.25%	≤ ± 0.25%
Warpage Average Diagonal	C485	Range - 0.30% /+ 0.40%	≤ ± 0.40%
Warpage Average Edge	C485	Range - 0.30% /+ 0.40%	≤ ± 0.40%
Wedging	C502	± 0.25%	≤ ± 0.25%
Bond Strength	C482	≥ 50 psi	≥ 50 psi
Breaking Strength	C648	≥ 250 lbf	≥ 250 lbf
Hardness (Mohs)	C1895	Range 0 - 10	≥ 7
Visible Abrasion Resistance for Glazed tiles	C1027	No Requirement; Range 0 - 5	Provided on request <sup>(3)</sup>
Frost Resistance	C1026	No sample must show alterations to surface	No evidence of Damage
Chemical Resistance	C650	No Requirement; Range E - A	Class A / Unaffected
Stain Resistance	C1378	No Requirement; Range E - A	Class A
DCOF (Matte/Honed)	ANSI A 326.3	≥ 0.42	≥ 0.42 <sup>(2)</sup>
Aesthetic Class/Shade Rating	Visual Evaluation Shade & Texture	No Requirement; Range V0 - V4	V4

(1) All values given are for Matte/Honed finish. Values for different finishes are available upon request.

(2) DCOF results referring to matte and/or textured products are performed with the WET test, while for polished and silky the DCOF test is performed dry.

(3) Glazed tiles.

## 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**

**Solumbria 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](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](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 or physical samples.

**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****Solumbria Collection**

\*Multicolor – tiles are packed randomly, and some shades are intentionally more common than others according to the design. Specifically, Solumbria mainly features light hues, outnumbering the grey and beige colors.

Please refer to the collection literature to gain a comprehensive understanding of the extensive array of tones and faces offered. Solumbria is meticulously crafted to ensure unparalleled versatility, limitless design possibilities, and minimal repetition of patterns for a truly unique aesthetic.

**11. ENVIRONMENTAL CERTIFICATIONS**

Stonepeak proudly contain factory and product certifications:

**12. RECYCLED CONTENT**

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