



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

4. TECHNICAL DATA

1. PRODUCT NAME

**Plane 2.0 Collection
Data Sheet**

2. MANUFACTURER

Stonepeak Ceramics, Inc.
 314 West Superior, Suite 201
 Chicago, IL 60654
 Telephone: 312.506.2800
 Fax: 312.335.0533
 Email: info@stonepeakceramics.com
 Website: www.stonepeakceramics.com

3. PRODUCT DESCRIPTION

Plane – The next generation of panels.
 Available in three sizes up to an astounding 5' x 10'.
 With features of engineered porcelain, including mold resistant, heat and frost proof, energy efficient, with no artificial binders and no VOC emissions.

Recommended Applications:

Ideally suited for commercial and residential settings such as hotel lobbies, restaurants, shopping malls, airports, schools, and residential floors and walls.

Finishes/Textures:

Thru-Color /Honed, Polished

Size/thickness:

120"x60" x 1/4" nominal *(6 mm)
 60" x 60" x 1/4" nominal *(6 mm)
 60" x 30" x 1/4" nominal *(6 mm)

Actual sizes:
 120"x60" ~ 118 3/16" x 59 1/16" **(+/- 0.5mm)**
 60" x 60" ~ 59 1/16" x 59 1/16" **(+/- 0.5mm)**
 60" x 30" ~ 59 1/16" x 29 1/2" **(+/- 0.5mm)**

*denotes work size per ISO 10545-2

Recommended Grout Joint: 1/8" or greater

All sizes modular with 1/8" grout joint if factory cut

Grout joints of 1/8" inch or less, especially with larger format tiles or running bond patterns, require the use of leveling tools.

Physical	ASTM Test	Industry Standards	StonePeak Results
Water Absorption	C373	Impervious < 0.5%	≤ 0.1%
Thickness Dimension	C499	Range ±0.02 Inc. Max	≤ ±0.02 Inc.
Facial Dimension	C499	± 0.25%	≤ ±0.25%
Wedging Average	C502	± 0.25%	≤ ±0.25%
Dry Bond Strength	Section 7.5	≥ 150 psi	≥ 200 psi
Breaking Strength	C648	≥ 175 lbf	≥ 200 lbf
Hardness (Mohs)	Scratch Test (No regulated)	Range 0 -10	≥7
Deep Abrasion Resistance	C1243	Impervious (porcelain) Class P1: ≤175 mm	≤175 mm
Frost Resistance	C1026	No samples must show alterations to surface	No Evidence Of Damage
Robinson Test	AC627	As reported	Extra Heavy
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- ≥0.60*
Aesthetic Class/Shade Rating	Visual Evaluation Shade & Texture	No Requirement Range V0 – V4	V1-V3
Light Reflectance Value L.V.R.	C609	No Requirement Range 0-100	10 to 80 depending on style/color selection

*** 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 TCA 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 TCA 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 Plane 2.0 Collection is available from select distributors of ceramic tile and stone.

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

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 or StonePeak Ceramics representative for a written copy of the warranty information.

See section 2 for contact information.

8. MAINTENANCE

Care and Maintenance Recommendations Guide

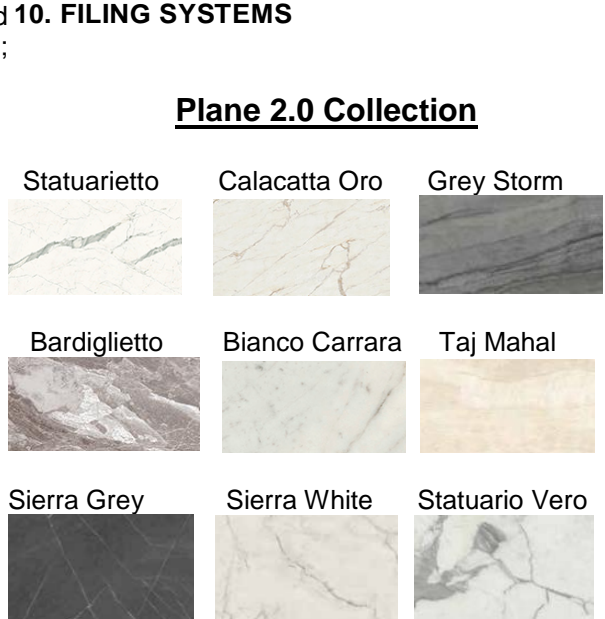
Please refer to **StonePeak Ceramics Care and Maintenance Recommendations Guide** for all technical information as to the care of this collection.

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 distributor for catalogues or physical samples.



Note to Specifier: Click on collection with Internet connection to hyperlink directly to product color data at the StonePeak Ceramics website.

11. ENVIRONMENTAL CERTIFICATIONS

StonePeak proudly contain factory and product certifications:



12. RECYCLED CONTENT

Products certified by Bureau Veritas. Please ask to see certification

Pre-Consumer Recycled Content:	40%
Post-Consumer Recycled Content:	6%