



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.

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

1. PRODUCT NAME
Plane Collection
Data Sheet 430.00

2. MANUFACTURER
Stonepeak Ceramics, Inc.
 314 West Superior
 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 five different modular sizes up to an astounding 5' x 10', this collection is the first panel option of its kind. With features of engineered porcelain, including amazing flexibility, and is crack resistant, mold resistant, heat and frost proof, with no artificial binders and no VOC emissions, Plane is ideal for interiors, exteriors, countertops, veneers, and much more.

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 Finish

- 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)
 - 30" x 30" x 1/4" nominal *(6 mm)
 - 30" x 15" 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)**
 - 30" x 30" ~ 29 1/2" x 29 1/2" **(+/- 0.5mm)**
 - 30" x 15" ~ 29 1/2" x 14 5/7" **(+/- 0.5mm)**

**denotes work size per ISO 10545-2*

4. TECHNICAL DATA

Physical Properties	ASTM Test	Industry Standards	StonePeak Results ***
Water Absorption	C373	Impervious < 0.5%	≤ 0.1%
COF Average	C1028	No Requirement	≥ 0.80 Dry ≥ 0.65 Wet
DCOF Acutest	BOT 3000 Test	≥ 0.42	≥ 0.60
Freeze Thaw Cycling	C1026	No Requirement	No Evidence Of Damage
Deep Abrasion	C1243	≤ 175 mm ³	≤ 130 mm ³
Hardness (Mohs)		No Requirement	≥ 6
Range of thickness	C499	0.04 inch	+/- 0.04
Facial Dimension	C499	Average +/- 0.25	+/- 0.25%
Warpage Average	C485	Warpage +/- 1% on any edge	+/- 0.40%
Warpage Average	C485	Warpage +/- 0.75% on diagonal	+/- 0.40%
Wedging Average	C502	Wedging +/- 1%	+/- 0.25%
Chemical Resistance	C650	No Requirement	Class A
Stain Resistance	C1378	No Requirement	Class A
Breaking Strength	C648	250 lbf or greater	≥ 250 lbf
Aesthetic Class/Shade Rating		No Requirement	V2 to V4

*** 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 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.

See section 2 for available phone numbers and contact information.

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 available phone numbers and 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 representative for catalogues, physical samples, architectural binders or StonePeak Architectural Resource CD-ROM

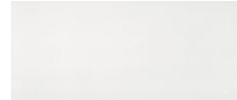
Continued Education Programs are available – **1 or 2 hour HSW** Learning Units – contact StonePeak Ceramics' main office to set up a presentation.

See section 2 for available phone numbers.

10. FILING SYSTEMS

DS 430.00 [- Plane Collection](#)

[True White](#)



[Marfil Vena](#)



[White Plane](#)



[Fantasy Cloud](#)



[Fantasy Bright](#)



[Travertino Vena](#)



[Extra Vena](#)



[Copper Plane](#)



[Calacatta Vena](#)



[Silver Plane](#)



[Paonazetto Vena](#)



[True Black](#)



[Fantasy Gold](#)



[Black Plane](#)



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