

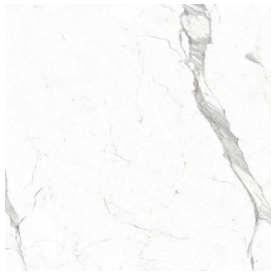
## PLANE 2.0

Porcelain tile classified as Impervious Group P1 is frost-resistant and chemically resistant. These characteristics are achieved through the dry-forming of high-quality mixtures composed of atomized and blended natural raw materials, such as kaolin minerals and feldspars.

### Collection Description

Company	Stonepeak Ceramics
Collection	Plane 2.0
Finish	Natural   Polished
Glazed/Unglazed	Glazed
Thickness in inch	15/64in
Thickness in mm	6mm
Rectified	Yes

### Available Colors



Statuarietto



Calacatta Oro



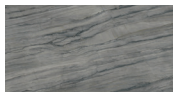
Taj Mahal



Grey Storm

### Nominal Sizes

#### Field Tile



120"x60"



30"x60"

# PLANE 2.0

## Product Dimensions (Rectified)

Nominal Size (in)	Actual (in)	Nominal Size (cm)	Actual (mm)
60 x 120 in	59.06 x 118.19 in	150 x 300 cm	1500 x 3002.00 mm
30 x 60 in	29.49 x 59.06 in	75 x 150 cm	749 x 1500.00 mm

For more information about this collection scan below



## Technical Features

Physical Properties	Norms	Required Standards	Stonepeak Results
Water Absorption	ASTM C 373 - 18	Impervious $\leq 0.5\%$	$\leq 0.5\%$
Thickness Variation	ASTM C 499 - 20	$\pm 0.02$ inch	$\pm 0.02$ inch
Facial Dimension	ASTM C 499 - 20	$\pm 0.25$ %	$\pm 0.25$ %
Wedging	ASTM C 502 - 16	$\pm 0.25$ %	$\pm 0.25$ %
Dry Bond Strength	ASTM C 482 - 20	$\geq 150$ psi	$\geq 150$ psi
Breaking Strength	ASTM C 1505 - 20	$\geq 175$ lbf	$\geq 175$ lbf
Modulus of Rupture	ASTM C 1505 - 20	$\geq 6000$ psi	$\geq 6000$ psi
Hardness (Mohs)	ASTM C 1895 - 20	Range 0 - 10	$\geq 7$ <sup>(2)</sup>
Frost Resistance	ASTM C 1026 - 13 (2018)	No sample must show alterations to surface	No evidence of damage
Chemical Resistance	ASTM C 650 - 20	Range A / E	Class A <sup>(3)</sup>
Stain Resistance	ASTM C 1378 - 20	Range A / E	Class A <sup>(3)</sup>
Fire Resistance	ASTM E84	Class A	Class A1-A1FL

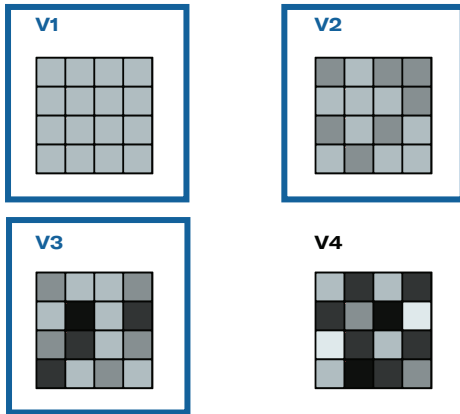
## Result Notes

- (1) All values given are for textured/natural/structured finish. Values for different finishes are available upon request.
- (2) Mohs result referring to textured/natural finish. For polished/semi-polished/silky finish:  $\geq 6$ .
- (3) Chemical and stain resistance refer to textured/natural finish. For polished/silky finish tests are provided on request. For more detailed information, refer to ANSI A137.1 Specifications for Ceramic Tile.

# PLANE 2.0

## Technical Features: Visual Evaluation Shade & Texture

### Visual Evaluation



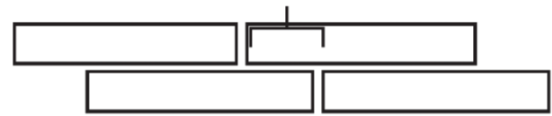
TCNA rates tile color and texture variation on a scale up to V4, with V4 indicating the highest variation.

**These porcelain tiles are rated V1–V3, meaning V1 has slight tone variation with minimal differences, V2 has moderate variation with subtle differences, and V3 has noticeable variation with clear differences between tiles.**

### Recommended Grout Joint

Recommended grout joint is 3/16" 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, Stonepeak recommends a maximum of 33% offset.

## Technical Features: Recommended Use

Visible Abrasion Resistance ratings are based on ASTM C1027-19 testing, which measures surface wear under abrasive load, combined with our manufacturer-declared results.

**Visible Abrasion Resistance data for this collection is available upon request.**

Class 1	Class 2	Class 3	Class 4
Residential Bathrooms	All Residential Areas	All Residential / Light Commercial	All Residential / Commercial

## Pre-Consumer Recycled Content

This porcelain product, manufactured at the Crossville, TN factory, contains at least **40% pre-consumer recycled content**, with all claims certified by Bureau Veritas Certification. Recycled content is a LEED metric intended to increase demand for building materials that incorporate reused or repurposed materials.



# PLANE 2.0

## Technical Features: DCOF - Wet Test

Norm	Standard	Stonepeak Result <sup>(4)</sup>
ANSI A 326.3 - 2021	≥0.42	≥0.42 + Natural   ≥0.55 + Natural Plus

## Product Use Recommendation

Finish	Classification	Criteria
TBD	Interior Dry (ID)	≥ 0.42 dry DCOF
TBD	Interior Wet (IW)	≥ 0.42 wet DCOF

More information can be found at: (<https://tcnatile.com/resource-center/dynamic-coefficient-of-friction/>)

## Result Notes

- (4) DCOF results referring to textured/natural/structured products are performed with the WET test, while for polished, semi-polished and silky the DCOF test is performed DRY.
- (4) The DCOF values shown in the catalog, website, or other sales documents are for reference only and are non-binding. Any specific requirements must be confirmed by us at the time of order and, in any case, always prior to installation.
- (4) All values given are for textured/natural/structured finish.

## Certifications, Memberships and Validations

### Product Certifications and Validations



### Organizational Memberships & Other Validations



## More information

For more information regarding Product Care and Maintenance, Warranty and other technical documents refer to our Stonepeak Document Library: ([www.stonepeakceramics.com/document-library/](http://www.stonepeakceramics.com/document-library/)).

For more information scan below



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The technical data reported in this Technical Data Sheet are indicative and non-binding. The company reserves the right to make changes at any time without prior notice. Always refer to the latest available version of this document.