



STONEPEAK
HIGH TECH PORCELAIN

COLLECTION BOOK



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The Company

For over two decades, Stonepeak has been a trailblazer in the porcelain industry, embodying innovation, sustainability, and unwavering excellence. Our journey began nestled in the hills of Tennessee's Smoky Mountains, where we made it our goal to produce the highest quality, most eco-friendly product on the market.

At Stonepeak, we thrive on pushing boundaries, introducing groundbreaking technology and advancements that elevate our products beyond the ordinary. From cutting-edge designs to sustainable manufacturing practices, innovation is woven into our corporate DNA.

As stewards of the environment, we take immense pride in our commitment to sustainability. Our meticulously crafted high-quality porcelain surfaces aren't merely beautiful; they are also environmentally responsible. We believe in leaving a positive legacy on the planet for generations to come.

While our roots remain firmly planted in Crossville, TN, our influence extends far beyond. Stonepeak serves clients across the nation, gracing homes, commercial spaces and architectural marvels with our exceptional products.

Not long ago, we envisioned a company that would seamlessly unite the finest products with a genuine focus on people. Today, that vision is our reality — a refreshing transformation in the ceramics industry where our commitment to you remains unwavering.

Sustainability

As the U.S. operation of the renowned Iris Ceramica Group, Stonepeak is deeply rooted in a legacy of sustainability. Our journey begins with the visionary founder, Romano Minozzi, who coined the term “Economy = Ecology” in the 1960s. This powerful concept encapsulates his vision of an economy that serves both humanity and the environment we inhabit.

Inheriting this profound philosophy, Stonepeak has always had sustainability woven into its DNA. Our commitment extends beyond mere words; it is reflected in every aspect of our business.

Stonepeak continuously works to create a higher environmental standard, striving to lower its carbon footprint and provide customers with the most ecofriendly porcelain product on the market.

To reduce energy, water, and waste, Stonepeak introduced an innovative formula that utilizes mostly raw materials found in the U.S., with a vast majority being sourced within 250 miles from our manufacturing plant in Crossville, TN. This produces a greener generation of products that is American made.

Our state-of-the-art manufacturing facility also operates with sustainability at its core. Key practices include a nearly closed-loop process, where raw materials and water waste are efficiently recycled back into production. Additionally, our facilities exceed legal requirements, incorporating antipollution devices such as smoke and sand depurators, water purifiers, and reutilization of heat from kilns and production losses. The plant also utilizes eco-conscious packaging and has received accolades from rigorous certifications such as DECLARE, ISO 9001, LEED, EPD, GREEN GOLD, and GREEN SQUARED.

At StonePeak, our commitment to the environment resonates through every solution we create. We firmly believe that sustainable practices not only benefit our planet but also enrich the lives of those who choose our products.





The collection

Mystère is an elevated interpretation of the beloved terrazzo look, capturing the essence of antique grandeur and the effervescent spirit of Venice.

Inspired by the city's rich cultural heritage and vibrant artistic scene, the collection draws its muse from the famed Venetian Carnival—celebrated for its colorful costumes, intricate masks, and opulent masquerade balls. Each surface pays homage to these coveted celebrations, where bold speckles and vivid hues come together to create an elegant, striking, and lively expression of Venetian splendor.

The name “Mystère” derives from the French word “mysterious,” perfectly encapsulating the enigmatic and captivating beauty of this collection. Just as the Venetian Carnival is shrouded in mystery and intrigue, this collection invites you to explore its depths and discover the stories it holds.

With a vast array of colorways including White, Linen, Sand, Light Grey, Dark Grey, Green, Brown, and Blue, each terrazzo-inspired surface infuses a festive exuberance into any design space with its wide range of faces and vibrant aggregate embellishments.

Available in two exquisite finishes—Structured, a high grip solution ideal for outdoor use, and Semi-polished, offering a natural sheen—and offered in three versatile dimensions — 12"x24", 24"x24", 24"x48" and a 4"x24" Bullnose option — these made-in-the-USA porcelain surfaces seamlessly blend durability with the timeless elegance of Venetian artistry





Wall Mystère White Semi-polished 12"x24"
Floor Mystère White Structured 24"x24"







Furniture Mystère Green Semi-polished 24"x48"
Floor Mystère Green Structured 24"x48"



Wall Mystère White Structured 24"x48" & Structured 1"x12" Mosaic
Floor Mystère Blue Structured 24"x24"







Wall
Mystère
Grey Semi-polished 24"x48"

Floor in
Mystère
Dark Grey Semi-polished 24"x48"

Floor out
Mystère
Dark Grey Structured 24"x48"





Wall Mystère Sand Structured 24"x48"
Floor Mystère Sand Structured 24"x24"







Wall
Mystère
Brown Structured 24"x48"

Floor
Mystère
Brown Structured 24"x48"





Floor Mystère Linen Structured 24"x48"
Furniture Mystère Black Semi-polished 12"x24"

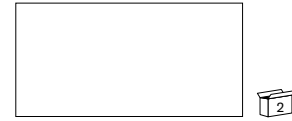


Technical info

White

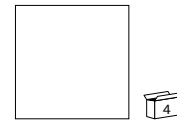


Technical Porcelain $\frac{3}{8}$ 0,31"/8mm

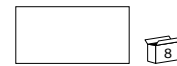


24"x48"
White

USSP2448353 Semi-polished
USG2448353 Structured



24"x24"
White

USSP2424353 Semi-polished
USG2424353 Structured

12"x24"
White

USSP1224353 Semi-polished
USG1224353 Structured



MOSAIC 1"x12"
12"x12" sheet
White

USSP12ML1353 Semi-polished
USG12ML1353 Structured



BULLNOSE 4"x24"
White

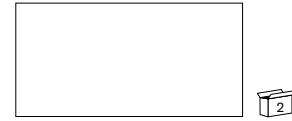
USG424BT353 Structured



Linen

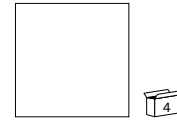


Technical Porcelain $\frac{3}{8}$ 0,31"/8mm



24"x48"
Linen

USSP2448351 Semi-polished
USG2448351 Structured



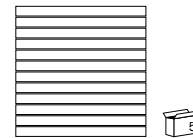
24"x24"
Linen

USSP2424351 Semi-polished
USG2424351 Structured



12"x24"
Linen

USSP1224351 Semi-polished
USG1224351 Structured



MOSAIC 1"x12"
12"x12" sheet
Linen

USSP12ML1351 Semi-polished
USG12ML1351 Structured



BULLNOSE 4"x24"
Linen

USG424BT351 Structured



Sand

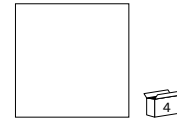


Technical Porcelain $\frac{3}{8}$ 0,31"/8mm



24"x48"
Sand

USSP2448352 Semi-polished
USG2448352 Structured

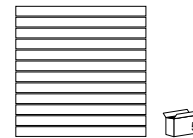


24"x24"
Sand

USSP2424352 Semi-polished
USG2424352 Structured

12"x24"
Sand

USSP1224352 Semi-polished
USG1224352 Structured



MOSAIC 1"x12"
12"x12" sheet
Sand

USSP12ML1352 Semi-polished
USG12ML1352 Structured



BULLNOSE 4"x24"
Sand

USG424BT352 Structured



Light Grey



Technical Porcelain $\frac{3}{8}$ 0,31"/8mm



24"x48"
Light Grey

USSP2448350 Semi-polished
USG2448350 Structured



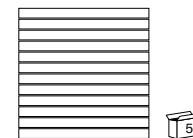
24"x24"
Light Grey

USSP2424350 Semi-polished
USG2424350 Structured



12"x24"
Light Grey

USSP1224350 Semi-polished
USG1224350 Structured



MOSAIC 1"x12"
12"x12" sheet
Light Grey

USSP12ML1350 Semi-polished
USG12ML1350 Structured



BULLNOSE 4"x24"
Light Grey

USG424BT350 Structured



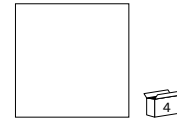
Dark Grey



Technical Porcelain $\frac{3}{8}$ 0,31"/8mm



24"x48"
Dark Grey

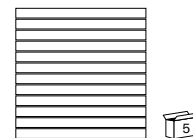
USSP2448348 Semi-polished
USG2448348 Structured

24"x24"
Dark Grey

USSP2424348 Semi-polished
USG2424348 Structured

12"x24"
Dark Grey

USSP1224348 Semi-polished
USG1224348 Structured



MOSAIC 1"x12"
12"x12" sheet
Dark Grey

USSP12ML1348 Semi-polished
USG12ML1348 Structured



BULLNOSE 4"x24"
Dark Grey

USG424BT348 Structured



Green

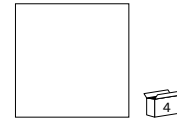


Technical Porcelain $\frac{3}{8}$ 0,31"/8mm



24"x48"
Green

USSP2448349 Semi-polished
USG2448349 Structured

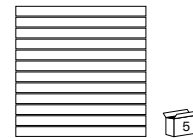


24"x24"
Green

USSP2424349 Semi-polished
USG2424349 Structured

12"x24"
Green

USSP1224349 Semi-polished
USG1224349 Structured



MOSAIC 1"x12"
12"x12" sheet
Green

USSP12ML1349 Semi-polished
USG12ML1349 Structured



BULLNOSE 4"x24"
Green

USG424BT349 Structured



Brown

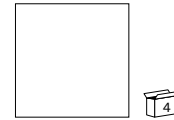


Technical Porcelain $\frac{3}{8}$ 0,31"/8mm



24"x48"
Brown

USSP2448354 Semi-polished
USG2448354 Structured

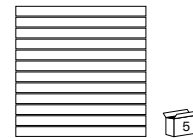


24"x24"
Brown

USSP2424354 Semi-polished
USG2424354 Structured

12"x24"
Brown

USSP1224354 Semi-polished
USG1224354 Structured



MOSAIC 1"x12"
12"x12" sheet
Brown

USSP12ML1354 Semi-polished
USG12ML1354 Structured

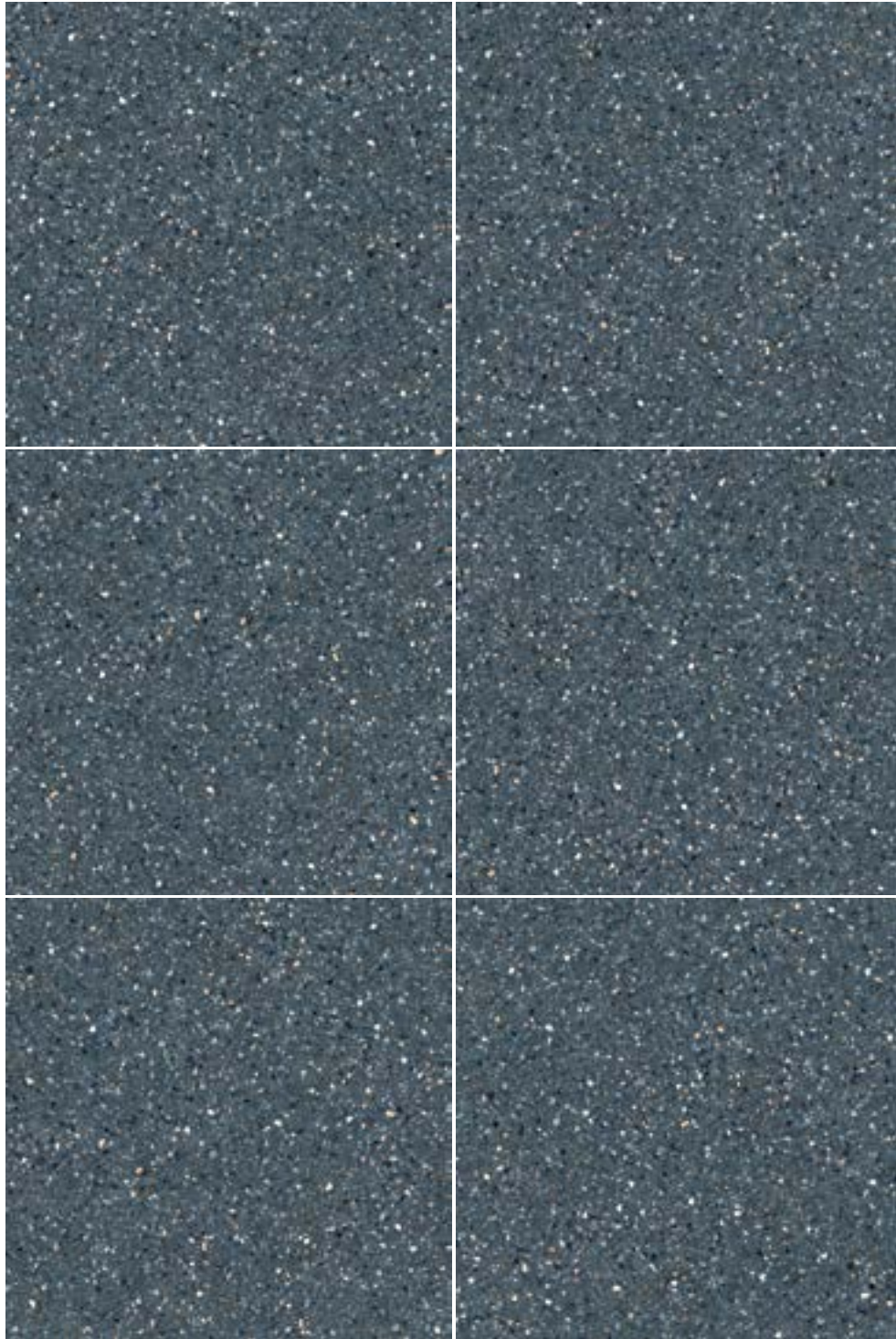


BULLNOSE 4"x24"
Brown

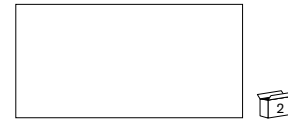
USG424BT354 Structured



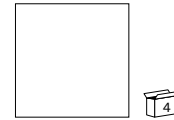
Blue



Technical Porcelain $\frac{7}{8}$ 0,31"/8mm



24"x48"
Blue

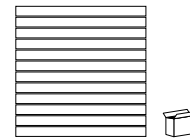
USSP2448347 Semi-polished
USG2448347 Structured

24"x24"
Blue

USSP2424347 Semi-polished
USG2424347 Structured

12"x24"
Blue

USSP1224347 Semi-polished
USG1224347 Structured



MOSAIC 1"x12"
12"x12" sheet
Blue

USSP12ML1347 Semi-polished
USG12ML1347 Structured



BULLNOSE 4"x24"
Blue

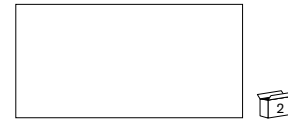
USG424BT347 Structured



Black

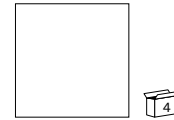


Technical Porcelain $\frac{7}{8}$ 0,31"/8mm



24"x48"
Black

USSP2448346 Semi-polished
USG2448346 Structured

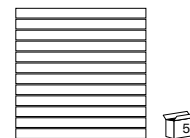


24"x24"
Black

USSP2424346 Semi-polished
USG2424346 Structured

12"x24"
Black

USSP1224346 Semi-polished
USG1224346 Structured



MOSAIC 1"x12"
12"x12" sheet
Black

USSP12ML1346 Semi-polished
USG12ML1346 Structured



BULLNOSE 4"x24"
Black

USG424BT346 Structured



Finishes

Semi-polished



The Semi-polished finish features a moderate sheen, allowing it to reflect light in a remarkably soft way. These qualities, combined with an equally smooth tactile feel, lend itself particularly well-suited for residential floor installations and wall applications across a wide range of environments, including commercial and public spaces.

Structured



The Structured finish features a slightly rough surface that enhances the materiality of the surfaces, lending it a realistic feel. It also stands out for its remarkable anti-slip grip and high resistance to wear. Due to these characteristics, it is particularly suitable for settings requiring significant technical performance, such as high-foot-traffic areas and outdoor spaces.



For additional information,
visit our website and follow us on social media

DISCLOSURE
Color depicted in the catalog are for reference only; please refer to live product for an accurate representation before making your final decision.

Stonepeak Ceramics, Inc.
Corporate Headquarters
720 N Franklin St., Ste 500
Chicago, IL 60654 US

Production Plant
238 Porcelain Tile Dr.
Crossville, TN 38555 US

SPECIFICATIONS of collection: MYSTÈRE

Supply of porcelain stoneware Stonepeak Ceramics.

1. Product and Process Features

Porcelain stoneware slabs, classified as Impervious Group P1, are 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.

The slabs are MADE IN THE U.S.A. and gain their mechanical strength through a sintering process conducted at extremely high temperatures.

2. Compliance with Standards

The material, in compliance with the requirements of American standards ANSI A 137.1: June 2021, ANSI A326.3-2021 and ASTM Section 15 Volume 15.02, must meet the following technical features:

ASTM C373 – 18 (Water absorption)
ASTM C499 – 20 (Facial dimension and Thickness)
ASTM C485 – 16 (Warpage)
ASTM C502 – 16 (Wedging)
ASTM C482 – 20 (Bond Strength)
ASTM C648 – 20 (Breaking Strength)
ASTM C1895 – 20 (Hardness - Mohs)
ASTM C1027 – 19 (Visible Abrasion Resistance)
ASTM C1026 – 13 (Frost Resistance)
ASTM C650 – 20 (Chemical Resistance)
ASTM C1378 – 20 (Stain Resistance)
ANSI A 326.3 – 2021 (DCOF).

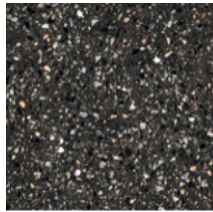
The Quality Control System implemented by the company guarantees the mentioned above features in accordance with UNI-EN-ISO 9001:2015 standards.

The slabs have been checked and evaluated by an independent third-party Body which certifies their compliance to the LEED_BREEAM.

3. Collection Description

Company	Stonepeak Ceramics Inc.
Collection	Mystère
Color	Black – Blue – Brown – Dark Grey – Green – Light Grey – Linen – Sand – White
Finish	Semi-polished & Structured
Glazed / Unglazed	Glazed
Rectified / Unrectified	Rectified
Size in inch	24x48 – 24x24 – 12x24 – 4x24 (bullnose trim) – 1x12 (mosaic on 12x12 mesh sheet)
Size in cm	60x120 – 60x60 – 30x60 – 10x60 (bullnose trim)
Thickness in inch	5/16
Thickness in mm	8mm

Available Colors



Black



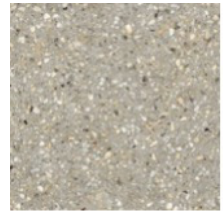
Blue



Green



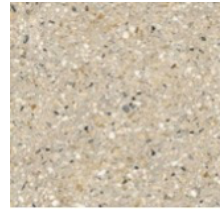
Dark Grey



Light Grey



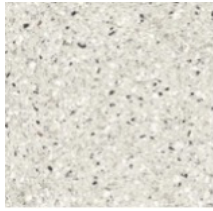
Linen



Sand



Brown



White

Product Dimensions

Materials supplied in Mono-caliber (Caliber 7).

Nominal size in Inch	Actual size in Inch	Nominal size in cm	Actual size in mm
24 x 48	23.70 x 47.40	60 x 120	602.00 x 1204.00
24 x 24	23.70 x 23.70	60 x 60	602.00 x 602.00
12 x 24	11.73 x 23.70	30 x 60	298.00 x 602.00
4 x 24	3.76 x 23.70	10 x 60	95.5 x 602

For more information about this collection refer to Stonepeak Ceramics product webpage:
<https://www.stonepeakceramics.com/mystere/>

4. Technical Features

I. Technical Features: Product Performance

Physical Properties	Norms	Required Standards	Stonepeak Results ⁽¹⁾
Water Absorption	ASTM C 373 - 18	Impervious ≤ 0.5 %	≤ 0.5 %
Thickness Variation	ASTM C 499 - 20	0.04 inch	0.04 inch
Facial Dimension		± 0.25 %	± 0.25 %
Warpage Average Diagonal	ASTM C 485 - 16	± 0.40 %	± 0.40 %
Warpage Average Edge		± 0.40 %	± 0.40 %
Wedging	ASTM C 502 - 16	± 0.25 %	± 0.25 %
Bond Strength	ASTM C 482 - 20	≥ 50 psi	≥ 50 psi
Breaking Strength	ASTM C 648 - 20	≥ 275 lbf	≥ 275 lbf
Hardness (Mohs)	ASTM C 1895 - 20	Range 0 - 10	≥ 7 ⁽²⁾
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 ⁽³⁾
Stain Resistance	ASTM C 1378 - 20	Range A / E	Class A ⁽³⁾

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: ≥ 6 .

(3) Chemical and stain resistance are referring 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.

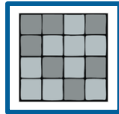
II. Technical Features: Visual Evaluation Shade & Texture

TCNA uses a V0-V4 rating system to classify the expected variation in color and texture of tiles. This porcelain tile has a V2 variation, meaning color and texture are consistent in tone but may vary in amount from piece to piece.

V1



V2



V3



V4



Recommended Grout Joint

Recommended grout joint is 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, Stonepeak recommends a maximum of 33% offset.

III. Technical Features: Recommended Use

Visible Abrasion Resistance ASTM C1027 - 19 test method measures the visible surface abrasion resistance of tile by rotating an abrasive load on the surface and visually comparing worn areas to unworn samples.

Class 0: Not Recommended for Floors	Class 1: Light Residential	Class 2: Residential	Class 3: Light Commercial	Class 4: Commercial	Class 5: Heavy Commercial
			Blue, Black, Green	All other Colors	

5. Technical Features: American National Standard ANSI A326.3

The American National Standard A326.3 describes the test method for measuring dynamic coefficient of friction (DCOF) of hard surface flooring materials in the laboratory and in the field. The standard also includes DCOF specifications, product use classifications and guidance on defining hard surface flooring materials. This standard serves as a guide to the general public, manufacturers, distributors, specifiers, architects, contractors, testing laboratories, building owners, businesses and other professionals.

I. *Dynamic Coefficient of Friction (DCOF):

The Dynamic Coefficient of Friction (DCOF) is the ratio of the force necessary to keep a surface in motion sliding over another surface, divided by the weight (or normal force) of the sliding object. Different contaminants such as dirt, water, soap, oil, or grease can change this value.

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

I. **Manufacturer-Declared (Section 3.4 of ANSI 326.6):

Manufacturer shall declare product use classification based on manufacturing parameters, internal quality control criteria, their experience with similar surfaces, and the criteria in this standard for all surfaces classified under Sections 4.1.3, 4.1.4, and 4.1.5, mosaic surfaces, and flooring where surface structure (e.g. three-dimensionally patterned or profiled surfaces) results in misleading DCOF measurements due to test device constraints.

For more information regarding Manufacturer Declared view Section 3.4 of the ANSI A326.3.

II. Product Use Classification

Classification	Reference Category	Criteria
Interior, Dry	ID	≥ 0.42 dry DCOF* (per Section 10.1) or Manufacturer Declared**
Interior, Wet	IW	≥ 0.42 wet DCOF* (per Section 9.1) or Manufacturer Declared**
Exterior, Wet Plus	IW+	Manufacturer Declared**
Exterior, Wet	EW	Manufacturer Declared**
Oils/Greases	O/G	Manufacturer Declared**

III. Testing Results:

Product Performance	Norms	Required Standards	Stonepeak Recommendations ⁽⁴⁾
DCOF Testing or Manufacturer Declared	ANSI A 326.3 - 2021	DCOF ≥ 0.42	ID & IW

⁽⁴⁾Results Notes:

- 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.
- The values of DCOF shown in the catalog, website or sales documents in general, are merely indicative and non-binding. Any possible specific requirement must be confirmed by us at the order and anyway always before the installation.

6. Certifications, Memberships and Validations

I. Product Certifications and Validations



Verification/validation opinion IT336282 of 10/07/2024 relating to the GHG inventory, issued by Bureau Veritas Italia S.p.A. for the calendar year 2023.



II. Organizational Memberships



III. Other Validations



For more information about our sustainability efforts refer to Stonepeak Ceramics Sustainability webpage:
<https://www.stonepeakceramics.com/sustainability/>

IV. More Information:

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



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