



1. PRODUCT NAME

**Materia 3D Collection
Data Sheet 320.00**

2. MANUFACTURER

StonePeak Ceramics, Inc.
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 Chicago, IL 60654
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3. PRODUCT DESCRIPTION

Materia 3D - classic in the feel yet perfect for contemporary spaces, the 5 color/ 2 finish line's range of applications is limitless.

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; Rectified, Honed and Lappato

Size/thickness:

12" x 24" x 1/3" nominal *(8 mm)
 6" x 24" x 1/3" nominal *(8 mm)

**denotes work size per ISO 10545-2*

Recommended Grout Joint: 3/32" or greater
All sizes modular with 3/16" grout joint (≈5 mm)

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 patterns StonePeak recommends a maximum of 33% offset.

StonePeak Ceramics Trim System:
 A wide variety of bullnose, cove and corner trims, mosaics tiles, borders and accents are available for you to complete projects for total design aesthetics. Refer to **StonePeak Ceramics Product Catalogue.**

4. TECHNICAL DATA

| Physical – Visual Properties | ASTM TEST | Industry Standard | Fiandre Results |
|---|-----------------------------------|--|-----------------------|
| Water absorption | C373 | Impervious <0.5% | ≤0.1% |
| Thickness Dimension | C499 | Range ± 0.04 Inc. Max. | ±0.04 Inc. |
| Facial Dimension | C499 | ± 0.25 % | ± 0.25% |
| Warpage average diagonal | C485 | ±0.40 % | ± 0.40% |
| Warpage average edge | C485 | ±0.40 % | ± 0.40% |
| Wedging | C502 | ± 0.25 % | ± 0.25% |
| Bond Strength | C482 | ≥50 psi | ≥ 200 psi |
| Breaking Strength | C648 | ≥250 lbf. | ≥ 400 lbf. |
| Hardness (Mohs) | Scratch Test (No regulated) | Range 0 - 10 | ≥ 7 |
| Deep Abrasion Resistance for Un-Glaze tiles | C1243 | Impervious (Porcelain) Class P1: ≤ 175 mm | ≤ 150 mm |
| Frost Resistance | C1026 | No sample must show alterations to surface | No evidence of Damage |
| Chemical Resistance | C650 | No Requirement, Range E - A | Unaffected/ Class A |
| Stain Resistance | C1378 | No Requirement, Range E - A | Class A* |
| DCOF | BOT 3000 | ≥0.42* | ≥0.60* |
| Aesthetic Classification | Visual Evaluation Shade & texture | No Requirement, Range V0 -V4 | V2 |

*** All values given for Matte or Honed material etc.**

COF: all values given are for matte or honed material. No values are given for polished, semi-polished, lappato, or satinato material. StonePeak does not recommend these surfaces in areas subject to exposure from grease, oil or water.

5. INSTALLATION

Surface Preparation:

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 Materia 3D 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 or architectural binders.

Continued Education Programs are available – **1 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 320.00 – [Materia 3D Collection](#)

[Leather](#)



[Heather Gray](#)



[Platinum](#)



[Sisal](#)



[Pearl](#)



Note to Specifier: Click on color 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: 32%
Post-Consumer Recycled Content: 6%