

UltraCare Penetrating SB Stone, Tile & Grout Sealer



DESCRIPTION

UltraCare® Penetrating SB Stone, Tile & Grout Sealer is an economical, natural-look, solvent-based penetrating sealer that provides protection against most common stains. It is safe for use on all interior and exterior natural stone (marble, limestone, sandstone, slate, granite, travertine, etc.), unglazed porcelain and ceramic tiles, masonry, quarry tiles and cement grout. The product can also be used as a pre-grouting sealer.

FEATURES AND BENEFITS

- A solvent-based penetrating sealer
- Resists most water- and oil-based stains
- Specially designed for dense stones, such as granite, and unglazed porcelain tiles
- For interior and exterior applications

INDUSTRY STANDARDS AND APPROVALS

- Ceramic Tile of America: Passes the CTIOA-T72 stain test.

Note: The testing method requires placing selected staining substances (water, white vinegar, vegetable oil, red wine, soy sauce, cola, red sports drink, hot black coffee, yellow mustard and all-purpose cleaner) on tile for 4 hours, open to air, and then washing them off with water and allowing the tile to sit for 24 hours.

Green Certifications

- Living Building Challenge (LBC) Red List Free: This product has been verified per the most current Red List on the LBC's Website.

WHERE TO USE

- For interior/exterior commercial, residential, institutional and industrial applications

LIMITATIONS

- Ensure that the sealer does not come into contact with any non-recommended surfaces.
- The sealer may slightly affect the visual appearance of some natural stones. Always test first.
- Do not dilute.

SUITABLE SUBSTRATES

- Natural stone such as marble, granite, limestone, sandstone, slate and travertine
- Unglazed porcelain and ceramic tile, cement pavers, concrete, quarry tiles, bricks, cultured stone and masonry surfaces
- Cement grout

Consult MAPEI's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

SURFACE PREPARATION

- The surface must be clean, dry and free of contaminants, including previously applied surface sealers, dirt, lime and hard-water deposits, rust, and other heavy soil and grime.
- Allow new grout installations to cure for at least 48 hours before application.
- Surface and sealer temperatures should be between 50°F and 80°F (10°C and 26°C).
- Ensure that the area is well-ventilated during application and until the surface is dry.
- Protect baseboards and tape off surfaces not intended to be sealed.

See the "Surface preparation requirements" reference guide in the Tile & Stone Installation Systems section of MAPEI's Website.

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

- Shake the container before using. Avoid skin and eye contact by wearing chemical-resistant gloves and safety glasses.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Test first in several inconspicuous areas and wait 12 hours to confirm desired results.
2. Working in a small manageable area of about 15 sq. ft. (1.39 m²), liberally apply an even coat using a paint pad, sponge, brush or roller. Do not use a sprayer.
3. Allow 5 to 10 minutes for sealer to soak into the surface.
4. Remove all non-absorbed sealer from the surface by buffing until completely dry with clean microfiber towels. Do not allow excess sealer to dry on the surface.
5. If a second coat is needed when absorbent surfaces are sealed, repeat steps 2 through 4. Allow at least 30 minutes between each coat.
6. Do not use or walk on surface for at least 3 hours. For the best results and stain protection, ensure that the area is kept dry for 12 hours and free from staining materials for 48 to 72 hours.

CLEANUP AND MAINTENANCE

- Clean tools with mineral spirits.
- Sweep, dust, mop or vacuum often to remove sand grit and debris.
- Clean floors using *UltraCare* Concentrated Tile & Grout Cleaner. Clean countertops using *UltraCare* Everyday Stone & Grout Cleaner & Resealer. For additional maintenance instructions, refer to the *UltraCare* Maintenance Guide in the *UltraCare* section of MAPEI's Website.
- Sealed surfaces should be tested periodically. To test, apply a few drops of water on the surface. If the water soaks in, an additional coat of *UltraCare* Penetrating SB Stone, Tile & Grout Sealer will be necessary to keep the sealer at its maximum level of performance.

DURATION OF PROTECTION

UltraCare Penetrating SB Stone, Tile & Grout Sealer is expected to protect against most common stains for up to 5 years. This period will vary depending on hardness and texture of surface, location of area, surface wear, and the frequency and nature of maintenance products used. Weather conditions, harsh cleaning methods, and high-alkaline, acidic or solvent-based cleaners will affect wear.

Ceramic Tile of America's CTIOA-T72 Stain Test

Staining Substance	Rating	Test Results
Deionized water	0	Pass
White vinegar	0 E*	Pass
Vegetable oil	0	Pass
Red wine	1	Pass
Soy sauce	0 to 1	Pass
Cola	0 to 1	Pass
Red sports drink	0	Pass
Hot black coffee	0 to 1	Pass
Yellow mustard	0	Pass
All-purpose cleaner	0	Pass

* E = Etch (calcified natural stone such as marble)

Stain tests were conducted on calcified natural stone (honed limestone, light cream color). Similar stain results were observed for polished/filled travertine and polished marble. Stain ratings in the test can range from 0 (best) to 5 (worst). Stain ratings less than 2 achieve a "pass" in the pass/fail test.

Product Performance Properties

Laboratory Tests	Results
Density	0.782 g per cc
VOC content (SCAQMD Rule 1113)	< 100 g per L
Typical VOC content per SCAQMD Rule 1113 testing methods	727 g per L

Shelf Life and Product Characteristics

Shelf life	2 years when stored in original, unopened packaging at 73°F (23°C)
Storage temperature range	35°F to 90°F (2°C to 32°C)
Physical state	Liquid
Color	Clear

Close the container tightly after each use. Store in original container only. Do not allow to freeze.

Application Properties

at 73°F (23°C) and 50% relative humidity

Time before allowing traffic**	3 hours
Application temperature range	50°F to 80°F (10°C to 26°C)
Waiting time between applications	30 minutes

*** Time before allowing traffic varies based on jobsite conditions.***Packaging**

Size
Bottle: 1 U.S. qt. (946 mL)

Approximate Coverage***

Size	Coverage
1 U.S. qt. (946 mL)	125 to 250 sq. ft. (11.6 to 23.2 m ²)

**** Coverage will be affected by the type of stone or tile used, as well as its porosity and texture.***ADDITIONAL INFORMATION**

Refer to the Safety Data Sheet (SDS) for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

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Customer Service

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For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.
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