

Keracaulk S / Keracaulk U

Premium, Sanded and Unsanded Siliconized Acrylic
Caulks



DESCRIPTION

Keracaulk® S (sanded) and *Keracaulk U* (unsanded) are premium-grade, easy-to-use, easy-to-clean, siliconized, acrylic caulks formulated to match all of MAPEI's grout colors.

FEATURES AND BENEFITS

- Water cleanup while fresh
- Paintable
- BioBlock® technology for mold and mildew resistance
- Packaged in gun-grade tubes for easy application
- VOC-compliant

INDUSTRY STANDARDS AND APPROVALS

- ASTM: Meet C834 for low-movement sealant

WHERE TO USE

- For gaps up to 1/4" (6 mm)
- As flexible barriers/fillers between horizontal and vertical surfaces to prevent cracked tile due to expansion
- For filling joints where tile abuts dissimilar surfaces
- For caulking around sinks, tubs, showers, countertops and ceramic tile floors

- For interior use only
- For restoring cracked or worn grout joints

LIMITATIONS

- Do not install over substrates containing asbestos.
- The application temperature range is 50°F to 90°F (10°C to 32°C).
- Apply only to clean, dry surfaces.
- For both *Keracaulk S* and *Keracaulk U*, joints should not exceed 1/4" (6 mm) in width.
- Do not use for exterior projects or applications subject to constant water immersion.
- Do not use in areas where joints will be subject to heavy abrasion or wear.
- Allow new concrete to cure for 30 days before caulking.
- Although *Keracaulk S* and *Keracaulk U* are color-matched to MAPEI's grouts, expect a slight variation in color due to the difference in composition between materials.
- For applications beyond 1/4" (6 mm) in depth, the caulking depth must be controlled by a closed-cell backer rod.
- To ensure product effectiveness, do not apply *Keracaulk S* or *Keracaulk U* thinly, as with a paint.
- *Keracaulk S* and *Keracaulk U* may stain porous materials. Test on a separate area before final application.
- Refer to the project's ASTM requirements before commercial use of *Keracaulk S* and *Keracaulk U*.

SURFACE PREPARATION

- Surfaces must be structurally sound, stable, clean and free from dust, oil, grease, paint, gypsum patches, flooring adhesive, tar, wax, sealers, curing compounds, form-release agents, laitance, loose particles and foreign substances that could reduce or impair adhesion.
- Remove all traces of paint, loose particles, residue and cement particles by mechanical means.
- Remove mildew by scrubbing with a mixture of 4 U.S. oz. (118 mL) of trisodium phosphate (TSP), 1 U.S. qt. (946 mL) of liquid bleach and 3 U.S. qts. (2.84 L) of warm water. Protect eyes and hands by wearing goggles and water/chemical-resistant gloves. Thoroughly rinse and allow surface to dry completely before caulking and painting.
- Vacuum out joints and wipe them clean with a damp rag.

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

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Tile should be firmly set before caulking. Typically, this is 24 to 48 hours after tile installation.
2. Caulking may be done either before or after grouting.
3. For a clean, straight and neat caulk joint, mask both sides of the joint with masking tape.
4. *Keracaulk S* and *Keracaulk U* come ready to use. Apply with a caulking gun. Do not open cartridges until preparatory work has been completed.
5. Cut the nozzle tip to the desired bead size at a 45-degree angle.
6. Completely fill joints with sealant and smooth over with a wet, gloved finger.

7. Excess caulk should be removed with a damp cloth before the caulk skins over.
8. Immediately wash hands and tools with warm water and soap.

PROTECTION

- Allow 24 hours of drying time before painting.
- Protect from water exposure until fully cured for at least 72 hours.

Note: Large beads of caulk and cool, humid conditions will require a longer drying time.

Shelf Life and Product Characteristics*

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

Drying time	24 to 48 hours
Shelf life	1.5 years when stored in original, unopened packaging
VOC content (SCAQMD Rule 1168)	< 50 g per L
Typical VOC content per SCAQMD Rule 1168	33 g per L (Keracaulk S) 41 g per L (Keracaulk U)
Colors	Available in MAPEI's palette of 40 colors, organized into 5 color collections. Refer to MAPEI's grout/caulk color chart. Sample color chips are available upon request.

*Cold temperature or high humidity may alter these properties.

Packaging

Size
Keracaulk S: 10.5 U.S. oz. (311 mL) tube
Keracaulk U: 10.5 U.S. oz. (311 mL) tube

Approximate Coverage**

per 10.5 U.S. oz. (311 mL)

Joint Size	Coverage
1/16" (1.5 mm)	48 to 50 lin. ft. (14.6 to 15.2 m)
1/8" (3 mm)	24 to 25 lin. ft. (7.32 to 7.62 m)
3/16" (4.5 mm)	15 to 17 lin. ft. (4.57 to 5.18 m)
1/4" (6 mm)	11 to 13 lin. ft. (3.35 to 3.96 m)

*** Coverages shown are for estimating purposes only. Actual jobsite coverages may vary depending on the joint size and application procedures.*

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

MAPEI Headquarters of North America

1144 East Newport Center Drive
Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) / (954) 246-8888

Technical Services

U.S. and Puerto Rico:

Flooring: 1-800-992-6273

Concrete and heavy construction: 1-888-365-0614

Canada:

1-800-361-9309

Customer Service

1-800-42-MAPEI (1-800-426-2734)

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