

PRODUCT DATA SHEET

SikaTile®-880 Unsanded Caulk

PREMIUM, ONE-PART, SILICONIZED ACRYLIC-BASED CAULKING COMPOUND

PRODUCT DESCRIPTION

SikaTile®-880 Unsanded Caulk is a premium-grade, one-part, siliconized, acrylic-based caulking compound that is easy-to-use, easy-to-clean, and mold and mildew resistant. SikaTile®-880 Unsanded Caulk is also available in a sanded version and color-coordinated to match all SikaTile Grout colors.

USES

- SikaTile®-880 Unsanded Caulk is used to fill joints up to 1/4" (6 mm) in width between panels, cracks, walls, around tubs, showers, sinks, countertops, etc.
- For filling joints where tile abuts different surfaces or planes
- For interior and exterior use in both residential and commercial applications

SUITABLE TILE TYPES

- Brick and thin brick
- Cement-based precast terrazzo
- Impervious porcelain and glass tile
- Natural stone tile, granite, and slate
- Vitreous, semi-vitreous or non-vitreous tile:
 - Ceramic, mosaic, quarry, cement body tile

CHARACTERISTICS / ADVANTAGES

- For filling joints where tile abuts different surfaces or planes
- Formulated to match all SikaTile® grout colors
- Mold and mildew resistant
- Available in sanded and unsanded
- One-component ready to use
- Excellent adhesion, bonds to many substrates without priming
- Flexible filler between horizontal and vertical surfaces to prevent cracked tile due to expansion
- Fast Curing
- Mold and mildew resistant

ENVIRONMENTAL INFORMATION

Sika® is committed to environmental responsibility in both products produced and in manufacturing practices. Complete the LEED Product Data Request Form SikaTile.com for detailed information based on project location. The use of this product can contribute towards LEED® v4.1 certification:

- IEQ Credit 4.1, Low-Emitting Materials – Adhesives & Sealants
- IEQ Credit 4.3, Low-Emitting Materials – Flooring Systems

APPROVALS / STANDARDS

- Conforms to the requirements for plastic joint sealants, ASTM-C920. Meets ASTM C-834 for low-movement sealant.
- Resilient Floor Covering Institute - (RFCI) Recommended Work Practices for Removal of Resilient Floor Coverings
- Tile Council of North America (TCNA) - TCNA Handbook

PRODUCT INFORMATION

| | |
|---------------------------|--|
| Chemical Base | Siliconized acrylic latex resins with fine fillers and colored pigments |
| Packaging | 10.3 oz. (304.6 ml) tube; 6 per carton |
| Color | Available in 18 colors; Refer to SikaTile® grout kit or color card for actual colors |
| Shelf Life | 24 months from date of production when stored in original, sealed package |
| Storage Conditions | Store in undamaged, original, sealed package, in dry conditions at 73° F (23° C) |

APPLICATION INFORMATION

| Coverage | Joint Size | Approximate Coverage* |
|-----------------|-------------------|------------------------------|
| | 1/16" (1.5 mm) | 48 lin. ft. (14.6 m) |
| | 1/8" (3 mm) | 25 lin. ft. (7.6 m) |
| | 3/16" (4.5 mm) | 17 lin. ft. (5.2 m) |
| | 1/4" (6 mm) | 13 lin. ft. (4.0 m) |

*Coverage shown is for estimating purposes only. Actual coverage may vary due to installation techniques, actual tile types, sizes, and waste used on the job.

BASIS OF PRODUCT DATA

| Property | Test Method | Typical Results |
|-----------------|-----------------------|------------------------|
| Open Time | - | 10 - 20 minutes |
| Set Time | - | 48 Hours |
| Full Cure | - | 14 Days |
| Paintable | - | Yes, after 7 day cure |
| Extrudability | ASTM C834, ASTM C731 | ≥ 2 g/s |
| Shrinkage | ASTM C834, ASTM C1261 | < 30% |
| Slump | ASTM C834, ASTM C2202 | ≤ 4 mm |
| VOC Emissions | Rule 1168 | 0 - 2.5 g/L |
| Odor | - | Mild |

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

AVAILABILITY/WARRANTY

CLEANING:

Water is all that is needed to remove excess SikaTile®-880 Unsanded Caulk while it is still wet. Unused caulk should be capped and stored in a cool, dry place and used within one year.

MOVEMENT JOINTS:

All expansion, control, construction, cold, saw-cut, isolation, contraction, and seismic joints in the structure should continue through the tilework, including such joints at vertical surfaces, as specified per TCNA Method EJ171 or TTMAC Specification Guide 09 30 00, Detail 301MJ.

PROTECTION:

Do not disturb caulk or walk over installed tiles for at least 24 hours after setting. Protect from water exposure until fully cured for at least 72 hours. Allow 7 days of drying time before painting.

FINAL CLEAN UP:

Clean hands and tools with soap and water. Clean tools and tile with water before the material dries. Clean up any misapplied sealant with a damp cloth or sponge. The cured sealant may be carefully cut away with a sharp-edged tool. Dispose of empty cartridges and saturated sponges according to state and local regulations. The unused portion of SikaTile®-880 Unsanded Caulk should be capped and stored in a cool dry place.

LIMITATIONS

- Do not use below 40° F (4° C) or above 95° F (35° C).
- Do not allow caulk to freeze.
- Joints should not exceed 1/4" (6 mm) in width.
- Do not use if rain or moisture is expected within 24 hours of application.

- Do not use for applications subject to constant water immersion.
- For applications deeper than 1/4" (6 mm), use a closed-cell backer rod before applying caulk.
- Product may stain porous materials, test on a separate area before final application.
- SikaTile®-880 Unsanded Caulk are color matched to all SikaTile® grout colors however slight color variations may be present due to material composition differences.
- Do not install over substrates containing asbestos.

ENVIRONMENTAL, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

For best results, the temperature of the substrate or tile must be between 40°F and 95°F (4°C and 35°C) while applying caulk. For proper curing, maintain this temperature range for 72 hours after application. Before applying caulk, make sure that the tiles or stones are firmly set and that the adhesive or mortar is completely dry. Joints must be clean and free of standing water, dust, dirt, and foreign matter. Clean the tile or stone surface to remove dust, dirt, mortar, adhesive, and other contaminants that may cause discoloration.

APPLICATION METHOD / TOOLS

Read all installation instructions before installation. This product may contain high levels of color pigment and may stain some porous materials such as wallpaper, wood, and walls. Use painter's tape or shield these areas for protection. Test in an inconspicuous area to determine if staining will occur. Caulking may be done either before or after grouting. Insert the tube into a standard caulking gun and cut off the tip of the tube at a slant to the desired size. Apply caulk into the opening using a continuous bead at a 45-degree angle. Smooth with a wet putty knife, caulking tool, or gloved finger. Excess caulk should be removed with a damp cloth before the caulk skins over. When applied in areas exposed to moisture allow the caulking to cure a minimum of 24 hours at 70° F (21° C) prior to putting the area into use. Complete cure is achieved in 48 to 72 hours depending on ambient temperature and humidity.

OTHER RESTRICTIONS

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Product Data Sheet

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See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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