# Commercial 100% Silicone Sealant




1. **Product Name**

   Commercial 100% Silicone Sealant

2. **Product Description**

   Our Commercial 100% Silicone Sealant is permanently flexible and is designed for use in coves, corners, changes in plane and expansion joints associated with exterior or interiors applications of tile and stone. Can be used in pools and other wet applications. Conforms to ASTM C-920, Type S, Grade NS, Class 25, Use T, NT, A, I, M and G, ASTM C1248 and ASTM C-794 properties. Meets or exceeds TCNA EJ171 Movement Joint Guidelines for Ceramic, Glass & Stone.

   **Key Features**

   - For use in coves, corners, changes in plane and expansion joints
   - Exterior and interior applications of tile and stone
   - Use in pools and other wet area applications
   - Conforms to ASTM C-920, ASTM C1248 and ASTM C-794 properties
   - Ideal for use with Porcelain tile

   **Uses**

   - Joints for ceramic tile and stone applications
   - Expansion joints in residential and commercial applications including those in traffic areas
   - Exterior and interior use
   - Swimming pools and other wet area applications
   - Around tubs, showers and sinks

   **Composition of Product**

   100% silicone resins and fine fillers

   **Benefits of Product in the Installation**

   - For use in coves, corners, changes in plane and expansion joints
   - Exterior and interior applications of tile and stone
   - Use in pools and other wet area applications
   - Conforms to ASTM C-920, ASTM C1248 and ASTM C-794 properties

   **Limitations to the Product**

   - Joint depth should not exceed 1/2" (13 mm)
   - Joint width should not exceed 1" (2.5 cm)
   - 100% Silicone passes non-staining testing per ASTM C920 and has also passed ASTM C1248 with tested stones. Due to cleaners used on site and other unknown factors, staining may occur. Please perform test to replicate usage.

   **Packaging**

   10.1 oz (300 ml) cartridge

3. **Technical Data**

   **Applicable Standards**

   Meets the requirements of ASTM C-920, ASTM C1248 and TCNA EJ 171

   **Technical Chart**

| | |
|---|---|
| Tack Free Time (ASTM C-679) | 15-20 minutes |
| Sag / Slump (ASTM C-639) | < 3 mm |
| Shore A Hardness (ASTM C-661) | 35 |
| Service Temperature Range | -60 to +300°F |
| Tensile Strength (ASTM D-412) | 140 psi |
| Elongation (ASTM D-412) | 350% |
| Joint Movement (ASTM C-719) | +/- 25% |

4. **Instructions**

   **General Surface Prep**

   **USE CHEMICAL-RESISTANT GLOVES, such as nitrile, when handling product.**

   **Application of Product**

   Sealant should be installed after grout has cured. Joints and surfaces should be clean, dry and free of all contamination including old caulk or other sealants. Backup strips shall be flexible and compressible type of closed-cell foam polyethylene, butyl rubber, or urethane. Backup strip should fit tightly in the joint and to a depth that allows the sealant depth to be 1/2 the thickness of the tile. Cut tip off nozzle on a slant to desired opening size. Completely fill joints with sealant. Smooth or clean off excess sealant with mineral spirits or paint thinner before sealant cures. Protect finished work from traffic and exposure to water until fully cured, generally 24 hours at 70 °F (21 °C). After cure, remove excess with a razor blade. Do not apply when temperatures fall below 40°F (4°C). IMPORTANT: Commercial 100% Silicone Sealant is not a paintable surface. Painting should be done prior to installation.

   **Cleaning of Equipment**

   Clean all tools with paint thinner or mineral spirits before material dries.

   **Storage**

   Store away from extended or extreme heat and cold. Keep from freezing. Replace cap after each use.

   **Health Precautions**

   CAUTION KEEP OUT OF REACH OF CHILDREN. Provide adequate ventilation during installation. DO NOT TAKE INTERNALLY. AVOID EYE CONTACT.

   **Conformance to Building Codes**

   Installation must comply with the requirements of all applicable local, state and federal code jurisdictions.

5. **Size & Availability**

| Item Code | Size | Color | Package |
|---|---|---|---|



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| | | | |
|---|---|---|---|
| CCSC000 | 10.1 oz. (300 ml) | #000 Clear | Cartridge |
| CCSC09 | 10.1 oz. (300 ml) | #9 Natural Gray | Cartridge |
| CCSC10 | 10.1 oz. (300 ml) | #10 Antique White | Cartridge |
| CCSC11 | 10.1 oz. (300 ml) | #11 Snow White | Cartridge |
| CCSC19 | 10.1 oz. (300 ml) | #19 Pewter | Cartridge |
| CCSC52 | 10.1 oz. (300 ml) | #52 Tobacco Brown | Cartridge |
| CCSC59 | 10.1 oz. (300 ml) | #59 Saddle Brown | Cartridge |
| CCSC60 | 10.1 oz. (300 ml) | #60 Charcoal | Cartridge |
| CCSC95 | 10.1 oz. (300 ml) | #95 Sable Brown | Cartridge |
| CCSC105 | 10.1 oz. (300 ml) | #105 Earth | Cartridge |
| CCSC115 | 10.1 oz. (300 ml) | #115 Platinum | Cartridge |
| CCSC122 | 10.1 oz. (300 ml) | #122 Linen | Cartridge |
| CCSC135 | 10.1 oz. (300 ml) | #135 Mushroom | Cartridge |
| CCSC145 | 10.1 oz. (300 ml) | #145 Light Smoke | Cartridge |
| CCSC165 | 10.1 oz. (300 ml) | #165 Delorean Gray | Cartridge |
| CCSC172 | 10.1 oz. (300 ml) | #172 Urban Putty | Cartridge |
| CCSC183 | 10.1 oz. (300 ml) | #183 Chateau | Cartridge |
| CCSC185 | 10.1 oz. (300 ml) | #185 New Taupe | Cartridge |
| CCSC186 | 10.1 oz. (300 ml) | #186 Khaki | Cartridge |
| CCSC333 | 10.1 oz. (300 ml) | #333 Alabaster | Cartridge |
| CCSC335 | 10.1 oz. (300 ml) | #335 Winter Gray | Cartridge |
| CCSC370 | 10.1 oz. (300 ml) | #370 Dove Gray | Cartridge |
| CCSC380 | 10.1 oz. (300 ml) | #380 Haystack | Cartridge |
| CCSC381 | 10.1 oz. (300 ml) | #381 Bright White | Cartridge |
| CCSC382 | 10.1 oz. (300 ml) | #382 Bone | Cartridge |
| CCSC386 | 10.1 oz. (300 ml) | #386 Oyster Gray | Cartridge |
| CCSC401 | 10.1 oz. (300 ml) | #540 Truffle | Cartridge |
| CCSC541 | 10.1 oz. (300 ml) | #541 Walnut | Cartridge |
| CCSC542 | 10.1 oz. (300 ml) | #542 Graystone | Cartridge |
| CCSC543 | 10.1 oz. (300 ml) | #543 Driftwood | Cartridge |
| CCSC544 | 10.1 oz. (300 ml) | #544 Rolling Fog | Cartridge |
| CCSC545 | 10.1 oz. (300 ml) | #545 Bleached Wood | Cartridge |
| CCSC546 | 10.1 oz. (300 ml) | #546 Cape Gray | Cartridge |
| CCSC640 | 10.1 oz. (300 ml) | #640 Arctic White | Cartridge |
| CCSC641 | 10.1 oz. (300 ml) | #641 Cool White | Cartridge |
| CCSC642 | 10.1 oz. (300 ml) | #642 Ash | Cartridge |
| CCSC643 | 10.1 oz. (300 ml) | #643 Warm Gray | Cartridge |
| CCSC644 | 10.1 oz. (300 ml) | #644 Shadow | Cartridge |
| CCSC645 | 10.1 oz. (300 ml) | #645 Steel Blue | Cartridge |
| CCSC646 | 10.1 oz. (300 ml) | #646 Coffee Bean | Cartridge |
| CCSC647 | 10.1 oz. (300 ml) | #647 Brown Velvet | Cartridge |

**The following colors are discontinued as of March 2015:** #92 Admiral Blue, #96 Quarry Red Clay, #99 Burnt Clay, #127 Antique Linen, #168 Slate Gray, #190 Bay Leaf, #301 Arctic Ice, #305 Onyx Green, #311 Moss, #312 Bonsai, #365 Canvas, #384 Camel, #390 Rose Beige

Final installed shade may vary with the tile type, color and porosity as well as jobsite conditions and finishing techniques. For best results, perform a test on a small, inconspicuous area or create a sample board prior to installation.

**6. Product Warranty**

Custom® Building Products warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom's® sole liability under this warranty shall be limited to the replacement of the product. Some states, countries or territories do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom's® printed instructions. Custom® makes no other warranties either expressed or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state or from one country/territory to another. Click for details and complete warranty information.

**7. Product Maintenance**

Properly installed product requires no special maintenance. **Maintenance** Clean with a neutral cleaner such as Aquamix



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AquaKleen or Tilelab Grout & Tile Cleaner

**8. Technical Services Information**

For technical assistance, contact Custom® Building Products.

**9. Filing System**

Additional product information is available from the manufacturer upon request.

**Related Products**

CEG-Lite™ 100% Solids Commercial Epoxy Grout
Prism® Ultimate Performance Grout
Fusion Pro® Single Component® Grout

**Coverage Chart**

| Size | Coverage |
|---|---|
| 10.1 oz. (300 mL) | 24 lineal feet (7.3 M) of 1/4" x 1/4" (6 x 6 mm) joint |

Chart for estimating purposes. Coverage may vary based on installation practices and jobsite conditions. For more tile and joint sizes, use the material calculator at CustomBuildingProducts.com or contact CUSTOM Technical Services at 800-282-8786



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