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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Commercial 100% Silicone Sealant

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
Private: 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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