



# PRODUCT DATA SHEET

PROD.#C-500

## SEAL-FLEX 500

### LIFETIME ACRYLIC URETHANE CAULK



#### PRODUCT DESCRIPTION

Seal-Flex 500 Lifetime Acrylic Urethane Caulk is a one (1) component high performance urethane modified acrylic sealant that can be used on a variety of interior and exterior surfaces, delivering excellent adhesion and durability. Its advanced urethane/acrylic formulation forms an airtight, water resistant seal, reduces dirt pickup, eliminates yellowing and shiners, and provides an 800% elongation factor. Internally plasticized resin requires no mixing or priming, and promotes excellent adhesion properties to most substrates, such as masonry, wood, metal, etc. Once cured, bead is mildew resistant, is safe for UV exposure and will not discolor.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE CHARACTERISTICS															
<ul style="list-style-type: none"> <li>Urethane Acrylic</li> <li>Lifetime Guarantee</li> <li>Paintable</li> <li>Elastomeric Properties</li> <li>Flexible &amp; Airtight Seal</li> <li>Water Resistant</li> <li>Durable</li> <li>Mildew Resistant</li> <li>Easy To Apply</li> </ul>	<p><i>Suitable for, but not limited to the following properly prepared surfaces:</i></p> <p><b>INTERIOR / EXTERIOR</b></p> <table border="0"> <tr> <td>Windows</td> <td>Masonry</td> <td>Metal</td> </tr> <tr> <td>Doors</td> <td>Concrete</td> <td>Brick</td> </tr> <tr> <td>Trim</td> <td>Wood</td> <td>Marble</td> </tr> <tr> <td>HVAC</td> <td>Glass</td> <td>Ceramic Tile</td> </tr> <tr> <td>Counter Tops</td> <td>Porcelain</td> <td>Siding</td> </tr> </table> <p><b>Great For Both Interior &amp; Exterior Use!</b></p>	Windows	Masonry	Metal	Doors	Concrete	Brick	Trim	Wood	Marble	HVAC	Glass	Ceramic Tile	Counter Tops	Porcelain	Siding	<p><b>Product Quality:</b> Premium / Best</p> <p><b>Product Use:</b> General Purpose</p> <p><b>Application:</b> Interior / Exterior</p> <p><b>Product System:</b> Urethane Modified Acrylic / Siliconized</p> <p><b>Color:</b> White</p> <p><b>Finish:</b> Smooth Bead</p> <p><b>Standards:</b> Exceeds ASTM C-834, Type OP, Grade -18°C Exceeds ASTM C920, Grade NS, Class25</p> <p><b>Service Life:</b> 50 Year Performance</p>
Windows	Masonry	Metal															
Doors	Concrete	Brick															
Trim	Wood	Marble															
HVAC	Glass	Ceramic Tile															
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#### SURFACE PREPARATION & APPLICATION

##### Surface Preparation

- The entire surface area to receive caulk must be clean, dry, sound, and free from dirt, grease, oils, mildew, loose paint, old caulk debris and any other surface contaminants that may cause product failure. Bare surfaces should be primed. Properly cleaned and tooled joint should not exceed 1/2" in width, and 1/2" in depth. Use a foam backer-rod for joints that are a 1/2" or more in depth. Apply only when surface and ambient temperatures are above 40°F and below 120°F.

##### Application

- Cut nozzle at a 45° angle, and to desired bead width, and puncture inner seal. Load cartridge into caulking gun. Fill joint/gap with caulk bead, pushing caulk ahead of nozzle. Tool or smooth the bead within 10 – 15 minutes with your finger, a damp rag, or finishing tool. For best results, tool immediately after application in order to ensure maximum adhesion, and a smooth finish.

**Dry/Cure Time:** (@75°F / 50% Relative Humidity / 1/2"x1/4" Joint Size)

- Tack-Free: 45 – 60 min./Paintable: 4 – 6 hrs./Full cure: 7 – 14 days.

##### Limitations

- Not for use below grade, marine or automotive applications. Do not apply weather conditions are threatening or freezing temperatures are forecasted.

##### Clean-Up

- Clean up hands and tools with soap and water. Clean up excess caulk with a damp cloth or sponge. Excess dried caulk must be cut or scraped away.

##### Packaging

- Each: 10.1 fl oz. (299 ml)/tube / 6 tubes/case

#### PHYSICAL & CHEMICAL CHARACTERISTICS

<b>VEHICLE:</b>	Urethane Modified Acrylic / Siliconized
<b>VOC LESS EXEMPT SOLVENTS:</b>	< 1.5%
<b>FULL CURE:</b>	7 – 14 Days
<b>SOLIDS:</b>	By Weight – 70.0% ± 2
<b>WEIGHT PER GALLON:</b>	9.3 ± 0.5
<b>SPECIFIC GRAVITY:</b>	1.65 ± 0.02
<b>SERVICE TEMPERATURE:</b>	-40°F to 180°F 40°F and rising.
<b>TEMP. APPLICATION RANGE:</b>	(Air temp. below 95°F / Substrate temp. below 120°F) Passes 5 Cycles @ 0°F
<b>FREEZE/THAW STABILITY:</b>	(1 cycle = 16hrs. @ 0°F, 8hrs. @ 75°F)
<b>DYNAMIC JOINT MOVEMENT:</b>	Tested to ± 25%
<b>FLASH POINT:</b>	None
<b>CONSISTENCY:</b>	Smooth & Creamy
<b>APPLICATIONS:</b>	Interior / Exterior
<b>LIFE EXPECTANCY:</b>	50 year performance
<b>SHELF LIFE:</b>	24 months (Stored @ 50°F to 80°F)
<b>COVERAGE:</b>	10.1 fl oz tube: 54 linear ft. @ a 3/16" bead
<b>ODOR:</b>	Mild
<b>TOOLING TIME:</b>	10 – 15 Minutes
<b>TACK-FREE TIME:</b>	60 Minutes

#### WARRANTY & LIMITATIONS

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