

Red Devil

Technical Data Sheet

**LIFETIME®Pro Siliconized
Acrylic Sealant**
Product No. 0856 (Cartridges), 0855
(Squeeze Tubes) – White & Colors

Description

LIFETIME®Pro Siliconized Acrylic Sealant is a high performance product formulated with silicone that complies with the performance requirements of ASTM C920 Class 12.5 & Fed Spec TT-S-00230 Class B.

Key Features

- Interior/Exterior
- Paintable
- Excellent Adhesion
- Permanently Flexible
- Water Clean Up
- Meets or exceeds ASTM C-920 Class 12.5, and Fed Spec TT-S-00230C Class B
- Available in White & Several Popular Colors
- Mildew Resistant (fully cured)
- VOC Compliant

Uses

For use on Window & Door Frames, Showers, Splashboards, Subfloors, Countertops, Air Conditioners, Thresholds & Vents

Surface Preparation

Surface should be firm, clean and dry. Remove old caulk, dust, dirt, grease, prior to application.

Directions

1. Trim nozzle to desired bead size.
2. Load cartridge into caulking gun and apply evenly.
3. For squeeze tube clip off tip of spout at 45° angle to desired size and apply evenly.
4. Smooth caulk using Red Devil Caulk Smoother or a damp cloth for a neat appearance. Wipe away excess with a damp cloth before surface skins over.
5. Protect from water until cured (72 hrs.).

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
<i>Extrusion Viscosity</i>	<i>Semco Gun</i>	<i>8 ± 3 seconds (Semco @ 50 psi)</i>
<i>Weight per Gallon</i>	<i>Gardner Cup</i>	<i>13.25 ± 1 .5 lbs.</i>
<i>Sp. Gr.</i>	<i>Test Lab</i>	<i>1.55 to 1.65</i>
<i>% Solids (TNV)</i>	<i>Computrac Solids Analyzer</i>	<i>79.0 to 84.0%</i>
<i>pH</i>	<i>Digital pH Meter</i>	<i>7 to 9</i>
<i>Slump/Sag (D-2202)</i>	<i>Test Lab</i>	<i>< 0.05</i>
<i>Color</i>	<i>Visual Observation</i>	<i>White & Colors</i>
<i>Odor</i>	<i>Subjective</i>	<i>Mild Acrylic</i>
<i>Shrinkage</i>	<i>Test Lab</i>	<i>Less than 30%</i>
<i>Application Temperature Range</i>	<i>Test Lab</i>	<i>40 °F to 90 °F (5 °C to 32 °C)</i>
<i>Tack-free Time (ASTM D-2377)</i>	<i>Test Lab</i>	<i>30 to 60 min – Pass (No Stick)</i>
<i>Full Cure</i>	<i>Test Lab</i>	<i>72 Hrs -3/16 bead (longer in high humidity)</i>
<i>Paint Over Time</i>	<i>Test Lab</i>	<i>Latex: 2 Hours Oil-based: 24 Hours</i>
<i>Flash Point (T.O.C.)</i>	<i>Tag Open Cup</i>	<i>Greater than 200 °F (TOC)</i>
<i>Freeze/Thaw Stability</i>	<i>Test Lab</i>	<i>Passes 5 cycles</i>
<i>Stain Index</i>	<i>Test Lab</i>	<i>0</i>
<i>Water Resistance</i>	<i>Test Lab</i>	<i>Excellent (When fully cured)</i>
<i>Crack Resistance</i>	<i>QUV Weather Test</i>	<i>Superior (None @ 5000 hrs QUV)</i>
<i>Percent Elongation at Break (D-412)</i>	<i>Instron Tensile Tester</i>	<i>400% ± 100</i>
<i>Tensile Strength at Break (D412)</i>	<i>Instron Tensile Tester</i>	<i>15 ± 5</i>
<i>25% Extension Recovery (ASTM C-736)</i>	<i>Instron Tensile Tester</i>	<i>>95%</i>
<i>Coverage</i>	<i>Test Lab</i>	<i>50-55 linear feet (3/16" bead)</i>
<i>Service Temperature Range</i>	<i>Test Lab</i>	<i>-20 to 180F</i>
<i>Clean-up Solvent (before cure)</i>	<i>Test Lab</i>	<i>Water</i>
<i>Shelf Life</i>	<i>Test Lab</i>	<i>Minimum 1 Year unopened @ 77°F (25°C)</i>
<i>Storage Conditions</i>	<i>Test Lab</i>	<i>Store at temperatures above freezing (40F to 90F for best results)</i>



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Clean Up

Clean your skin and equipment immediately after use with warm water.

For Best Results

- Surface should be clean, dry & free of contaminants.
- Protect from water for 72 hrs.
- Apply enough caulk for the job & do not remove too much material when tooling.
- For a neat, straight bead edge, mask both sides of joint with masking tape; remove tape before skin forms.
- Apply when caulk & surface temperature is above 40F.
- Do not apply when rain or freezing temps are expected.
- Do not use to fill butt joints, surface defects or for tuck-pointing.

Color

White & Colors

Packaging

10.1 fl. oz. Cartridge/5.5 oz. Sq. Tube

Limitations

- Not recommended for use below waterline, in marine applications, on automobiles or aquariums.
- Allow new concrete to cure 30 days before applying caulk.
- Protect from freezing.
- Joint size should not exceed 1/2" X 1/2" – if depth exceeds 1/2", use a backer rod.

Environmental, Safety & Transportation Information

Product may be irritating to skin, eyes & respiratory tract. Wear appropriate NIOSH approved respirator, gloves & eye protection if contact is likely. Provide adequate ventilation. SEE MSDS FOR ADDITIONAL INFORMATION.

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
<i>CARB Compliance</i>	<i>Documents Review</i>	<i>Yes</i>
<i>Prop 65 Ingredients</i>	<i>Documents Review</i>	<i>Yes (See MSDS)</i>
<i>DOT Proper Shipping Name</i>	<i>Review of Regs</i>	<i>Not Regulated by DOT</i>
<i>DOT Hazard</i>	<i>Review of Regs</i>	<i>N/A</i>
<i>DOT UN/NA Number</i>	<i>Review of Regs</i>	<i>N/A</i>
<i>Packing Group</i>	<i>Review of Regs</i>	<i>N/A</i>
<i>VOC Content</i>	<i>Calculated</i>	<i>< 1.5% by weight (< 25 g/L)</i>

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. (See MSDS for additional information)

Contains Titanium Dioxide; added to Massachusetts Right to Know List, Minnesota Hazardous Substance List, New Jersey Right to Know List, Pennsylvania Right to Know List & Rhode Island Hazardous Substance List.

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Non-white colors may contain carbon black in color dispersion.

LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when used as directed, product peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used container. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION