

Red Devil

Technical Data Sheet

**Window & Door Siliconized Acrylic
Caulk – Clear – 35 Yr. Product No.
0876 (13607)**

Description

Window & Door Siliconized Acrylic Caulk 35 Yr Clear is formulated for applications where an extra-tight clear seal is desired.

Key Features

- Interior/Exterior
- Applies White/Dries Clear in < 2 wks
- Paintable @ Full Clarity
- Excellent Adhesion
- Multi-Purpose Caulk
- Water Clean Up
- Meets or exceeds ASTM C834-05 Type C
- VOC Compliant

Uses

For use on Window & Door frames & many other applications around the home where a clear seal is desired.

Surface Preparation

Surface should be sound, clean and dry. Remove old caulk, dust, dirt, grease, prior to application. Prime bare surfaces before caulking for best results. Remove mildew by scrubbing with a solution of 4 oz TSP (Trisodium Phosphate), 1 quart of liquid bleach mixed with 3 quarts of warm water. Protect eyes & hands by wearing goggles & chemical resistant goggles. Thoroughly rinse surface & allow to dry completely before caulking.

Directions

1. Clip off tip of spout @ a 45 degree angle 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>6 +/- 2 seconds (Semco @ 50 psi)</i>
<i>Weight per Gallon</i>	<i>Gardner Cup</i>	<i>9.0 ± .5 lbs.</i>
<i>% Solids (TNV)</i>	<i>Computrac Solids Analyzer</i>	<i>61% ± 2.5</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>Applies White/Dries Clear in approx. 2 wks</i>
<i>Odor</i>	<i>Subjective</i>	<i>Mild Acrylic</i>
<i>Shrinkage</i>	<i>Test Lab</i>	<i>Less than 50% (ASTM C834-00 Type C)</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>< 2 hrs (Cooler temps & higher humid. Will prolong)</i>
<i>Full Clarity</i>	<i>Test Lab</i>	<i>2 wks or less, depending on climatic cond.</i>
<i>Paint Over Time</i>	<i>Test Lab</i>	<i>When full clarity reached</i>
<i>Flash Point (T.O.C.)</i>	<i>Tag Open Cup</i>	<i>Greater than 200 °F (TOC) – Non-Flammable</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>500% minimum</i>
<i>Tensile Strength at Break (D412)</i>	<i>Instron Tensile Tester</i>	<i>< 10 psi</i>
<i>25% Extension Recovery (ASTM C-736)</i>	<i>Instron Tensile Tester</i>	<i>98%</i>
<i>Coverage</i>	<i>Test Lab</i>	<i>50-55 linear feet (cartridge) (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>40F to 90F</i>



Clean Up

Clean equipment immediately after use with water.
Wash skin with warm water & mild soap.

For Best Results

- Surface should be clean & 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.
- Do not paint caulk until complete clarity is achieved.

Color

Applies white & cures clear in 7 to 14 days

Packaging

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

Limitations

- Not recommended for use in marine applications, below grade, under water or on automobiles or aquariums.
- Protect from water for 72 hrs following application.
- Protect from freezing.

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>
CARB Compliance	Documents Review	Yes
Prop 65 Ingredients	Documents Review	Yes (see MSDS)
DOT Proper Shipping Name	Review of Regs	Not Regulated by DOT
DOT Hazard	Review of Regs	N/A
DOT UN/NA Number	Review of Regs	N/A
Packing Group	Review of Regs	N/A
VOC Content	Calculated	< 0.5% by weight, < 10 g/L

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. (See MSDS for additional information). WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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.

TDS Number: 0876TD Series (13607)

Date of Issue: January 17, 2012

SEE MSDS FOR ADDITIONAL DATA/INFORMATION