

Red Devil, Inc.

Technical Data Sheet

LIFETIME Ultra - Premium Elastomeric Acrylic Latex Sealant White & Colors – 0770 Series

Description

LIFETIME Ultra Premium Elastomeric Acrylic Latex Sealant is a high performance, multi-purpose sealant formulated to last the lifetime of your home. This unique formulation provides the maximum level of durability on a variety of substrates.

Key Features

- Mildew Resistant (cured bead)
- Easy Application
- Excellent Adhesion
- Maximum Durability
- Permanently Flexible
- Paintable
- VOC Compliant
- Water Clean up
- Contains HomeShield Antimicrobial Protection
- Meets ASTM 920 Class 25 (50% total joint movement)

Uses

Use on Window & Door Frames, Siding, Trim, Baseboards, Subfloors, Countertops, Sinks, Bathtubs, Vents

Surface Preparation

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew & contaminants that could impact adhesion.

Directions

1. Clip tip of spout @ 45 degree angle to desired size.
2. Load cartridge into caulking gun & apply.
3. Smooth sealant using a Red Devil Caulk Smoother or damp cloth for a neat appearance.
4. Wipe away excess w/ a damp cloth before surface skins over.
5. Protect from water until cured (72 hrs). May be painted in 4 to 6 hrs depending on climatic conditions (Higher humidity & cooler temperatures will extend drying time)
6. Clean hands & tools immediately after use w/ warm soapy water.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	12 +/- 2.0
Specific Gravity	Calculated	Approx. 1.40 to 1.50
Total Non Volatile % Solids (Weight)	Computrac Analyzer	Approx. 80% +/- 2.5
Viscosity (as packaged)	Semco Gun @ 50 psi	Approx. 8 sec +/- 2
Consistency/Appearance	Visual Observation	Smooth, colored paste
pH (initial)	pH Meter	7 to 9
Odor	Subjective	Mild
Base Polymer	Known	Acrylic Emulsion Blend
Filler/Pigment	Known	Calcium Carbonate, TiO2
Flash Point	Closed Cup	>200F – Non-Flam/Waterborne
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Pass 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	Expect 1 Yr @ 72F
Tack Free Time	Test Lab	< 1 hr @ 72F
Cure Time	Test Lab	72 hrs – cool & humid will extend
Storage Conditions	Test Lab	Original Container: 40F to 90F
Application Temperature	Test Lab	40F to 90F
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-20 F to 180F
Tooling/Workability	Test Lab/Field Evaluation	Excellent @ 50F to 90F
% Elongation	Test Lab	500% +/- 50%
Painting	Test Lab	Excellent: Latex: 4-6 hrs, Oil-based: 24 hrs
Clean Up	Test Lab	Water – before cure
Coverage	Test Lab	50 feet w/ 3/16" bead
Spec Compliance	Test Lab	Meets ASTM 920 Class 25

Clean Up

Clean tools immediately w/ water. Wash skin with warm water & soap.

For Best Results

- Store @ temperatures above freezing.
- Apply in temperatures above 40F
- Joint size should not exceed 1/2" X 1/2". If joint depth exceeds 1/2", use a backer rod.
- Prime bare surfaces before caulking.

Color

White, Tan, Almond, Brown, Gray, Black

Packaging

HDPE Cartridge, HDPE Sq. Tube

Limitations

- Not recommended for automotive use, on mirrors or aquariums.
- Protect from water until cured (72 hrs) – cooler temperatures & higher humidity will extend cure time.
- Not recommended for below grade applications.
- Not recommended for below waterline applications.

Environmental, Safety & Transportation 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>None</i>
<i>DOT UN/NA Number</i>	<i>Review of Regs</i>	<i>None</i>
<i>Packing Group</i>	<i>Review of Regs</i>	<i>None</i>
<i>VOC Content</i>	<i>Calculated</i>	<i>< 1.5%/wt, < 25 g/L</i>

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING (See MSDS for additional safety 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 applied as directed, this material fails to perform as represented, 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: 0770 TD Series

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION