



Technical Data Sheet

Interior Wall & Wood Caulk
Product No. 0686 Series

Description

A general purpose acrylic caulking compound formulated for interior use. It provides good adhesion to most common building materials & is good for sealing out the elements & increasing energy efficiency.

Key Features

- Water Clean Up
- Excellent Paintability
- Easy Application & Tooling
- VOC Compliant

Uses

Use around interior windows, doors & similar areas to increase energy efficiency.

Surface Preparation

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint & old caulking. 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 & water & chemical resistant gloves. Thoroughly rinse surface & allow to dry completely before caulking & painting.

Directions

1. Clip off tip of spout @ a 45 degree angle to desired size.
2. Load cartridge into caulking gun & apply using steady, even pressure to completely bridge joint.
3. Smooth caulk using a Red Devil Caulk Smoother or a damp cloth for a neat appearance.
4. Wipe away excess with a damp cloth before surface skins over.
5. Protect from water until cured (72 hrs). May be painted in approximately 2 hrs with latex paint or 72 hrs with oil based paint depending on climatic conditions. Conditions of cooler temperatures & higher humidity will extend drying time.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	14.0 +/- 0.50
Specific Gravity	Calculated	1.67
Total Non Volatile % Solids (Weight)	Computrac Analyzer	80.5% +/- 2.5%
Total Non Volatile % Solids (Volume)	Test Lab	70.0% +/- 2.5%
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	13 seconds +/- 3
Consistency/Appearance	Visual Observation	Smooth Creamy Paste
pH (initial)	pH Meter	7 to 9
Odor	Subjective	Mild
Base Polymer	Known	Acrylic Emulsion
Pigment	Known	Calcium Carbonate & TiO2
Siloxane Adhesion Promoter	Known	Yes
Flash Point	Closed Cup	Non-Flam; > 200F
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Passes 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	Minimum 1 yr @ 72F
Slump	ASTM D2202 Jig	0
Artificial Weathering	ASTM – QUV Tester	No Cracking @ 1000 hr QUV Exposure
Flexibility	Test Lab	Pass 1 in Mandrel @ 40F
Tack Free Time	ASTM D2377	30 min @ 72F
Storage Conditions	Test Lab	40F to 90F
Application Temperature	Test Lab	40F to 90F
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-20 to 180F
Tooling	Test Lab/Field Evaluation	Excellent
Paintability	Test Lab/Field Evaluation	Excellent when performed according to directions
Coverage	Test Lab	50-55 linear feet (3/16 in bead)

Clean Up

Mild soap & water

Color

White

For Best Results

- Apply caulk in temperatures between 40F (& rising) & 90F
- Store caulk in temperatures between 40F & 90F
- Do not use below grade or below waterline
- Do not use on joints subject to heavy abrasion or wear
- Prime bare surfaces before caulking
- For a neat, straight bead edge, mask both sides of joint w/ tape, removing masking tape before skin formation
- Do not "overtool" the applied caulk, leaving too little caulk to perform following cure
- Allow a minimum of 2 hrs drying when painting w/ a latex paint or 72 hrs w/ an oil base paint (conditions of cooler temperatures & higher humidity will prolong drying time)
- Use a premium quality paint

Packaging

HDPE Cartridge

Limitations

- Apply only to clean, dry substrates
- Do not apply when rain or freezing temperatures are expected
- Protect from rain or exposure to water for 72 hrs
- Not recommended for use on automobiles, mirrors or aquariums – consult label for acceptable substrates
- Cooler weather & higher humidity will slow down cure time

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>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 weigh, <25 g/L</i>

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

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 peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used cartridge. 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