



Red Devil

PU-970

POLYURETHANE SEALANT

Black PU-970 is a professional-grade, high performance sealant designed specifically for installing or repairing window and door frames. It provides superior adhesion to most building materials and is excellent for sealing out the elements and increasing energy efficiency. It is paintable, non-staining, and remains permanently elastic.

FEATURES:

- One Component
- Permanently Flexible
- Extended Life Expectancy
- Excellent Adhesion
- Waterproof
- Paintable
- VOC Compliant

USES:

Formulated for use on Masonry, Plywood, Metal, Concrete, Glass, Plastic, Aluminum, Steel & More.

ADHERES TO:

Masonry, Plywood, Metal, Concrete, Glass, Plastic, Steel Aluminum, & More.



ONE
COMPONENT



PAINTABLE



PERMANENT
FLEXIBILITY



FORMS A WATER
RESISTANT SEAL

Meets or Exceeds Federal Specifications:

- ASTM C920 Class 35
- FED 230C Class A



MADE
IN THE **USA**



www.reddevil.com

Customer Service: 1-800-423-3845

Red Devil, Inc.
4175 Webb Street
Pryor, OK 74361

TECHNICAL DATA SHEET

POLYURETHANE SEALANTS

PART#	COLOR	PACKAGE	UPC #	CASE QTY.
0970	White	10.1 fl. oz (300 mL) Cartridge	0-75339-01104-1	12
0971	Black	10.1 fl. oz (300 mL) Cartridge	0-75339-09710-6	12
0972	Gray-Limestone	10.1 fl. oz (300 mL) Cartridge	0-75339-97200-7	12

PHYSICAL & CHEMICAL PROPERTIES:

Weight Per Gallon: 9.75 lb/gallon +/- 1.0

Specific Gravity: 1.17

Total Non-Volatile % Solids (Weight): 92% +/- 2

Extrudability/Application: 60 seconds +/- 15 seconds

Consistency/Appearance: Viscous Paste - Smooth or Textured

Odor: Solvent

Base Polymer: Polyurethane Based Formulations

Pigment: Calcium Carbonate/TiO2

Flash Point: 166°F (74°F)

Freeze/Thaw Stability: Pass 5 Cycles (ASTM C731)

Shelf Life: Expect 1 year @ 77°F

Slump: < 0.15

Artificial Weathering: No Degradation at 5,000 hours QUV

Flexibility: Pass - Excellent

Tack Free Time: 2 hours (temp/humidity may prolong)

Shore A Hardness: 25 +/-

Storage Conditions: Store in cool, dry place < 90°F

Application Temperature: 40°F to 90°F (5°C to 32°C)

Service Temperature: -40°F to 200°F (-40°C to 94°C)

Tooling: Excellent at cure; premium latex paint

Paintability: 2 hours (temp/humidity may prolong)

Full Cure: 24 to 48 hours (3/16 bead)

Percent Elongation at Break: 650% (smooth); 550% (textured)

APPLICATION:

Remove old caulking/sealant. Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint, frost, & other residue or material that may interfere with adhesion. Clip off tip of nozzle/spout @ 45° angle to desired bead size. Load cartridge into caulking gun and apply. Smooth caulk using a Caulk Smoother, Putty Knife or Damp Cloth. Remove excess with a damp cloth before surface skins over. Full clarity reached in 1 to 2 weeks.

FOR BEST RESULTS:

- Wear gloves to avoid skin contact
- Store sealant in a cool, dry place (90°F) prior to use.
- Prepare surface properly prior to application.
- Apply when sealant & substrate are between 40°F & 110°F.
- Use dry tooling, avoid wet tooling such as use of water or soapy water.
- Paint with premium latex paint when sealant is fully cured.
- Some oil based paints may not dry properly over Polyurethane Sealants.

CLEAN-UP:

Use mineral spirits before cure. Wash hands with soap & water.

LIMITATIONS:

- Smearing or feathering over joints is not recommended.
- Sealant is not recommended for continuous immersion in water.
- Avoid exposure to fuels, chlorinated, acids & alkaline solutions.
- Not recommended for use with Polystyrene Foams.

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.

CRITERIA	STATUS
CARB Compliance	Yes
Prop 65 Ingredients	Yes (See SDS)
DOT Proper Shipping Name	Not Regulated by DOT
DOT Hazard	Not Regulated by DOT
DOT UN/NA Number	Not Regulated by DOT
Packing Group	N/A
VOC Content	< 3.0 %/wt, < 50 g/L

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS.

KEEP FROM FREEZING. (See SDS for additional safety information)

⚠ WARNING: Risk of Cancer and Reproductive Harm From Titanium Dioxide and Carbon Black Exposure - www.P65Warnings.ca.gov