



Red Devil



MAX FLEX Technology

TECHNICAL DATA SHEET

RD3000™ SELF LEVELING CONCRETE SEALANT

DESCRIPTION

An advanced, low VOC, self-leveling concrete sealant designed to offer superior adhesion, without tooling, to a wide variety of substrates. Cures to a smooth finish and is specially formulated to be exposed to water after only 2 hours without washing out.

SURFACE PREPARATION

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint, frost & old caulking. Thoroughly rinse surface and allow to dry before caulking and painting.

PART #	PACKAGE	COLOR	UPC
0980	9.0 oz (266 ml) Cartridge	Gray	075339011201

KEY FEATURES

- Lifetime Durability Guarantee
- Water Resistant After 2 Hours
- All-Weather, Multi-Surface Application
- Withstands Active Joint Movement
- Meets or Exceeds Federal Specifications
 - **TT-S-00230C Class A**
 - **ASTM C920 Class 25**
- Mold and Mildew Resistant
- Interior/Exterior
- Paintable
- VOC Compliant

USES

Product is engineered for many applications and uses such as: filling and sealing horizontal gaps and cracks in Concrete Driveways, Steps, Patios, Sidewalks, Garages, Above Ground Foundations and many other Concrete Surfaces.

ADHERES TO

Concrete, Stone, Masonry, Mortar, Brick, Wood, Stucco, and many other common building materials.

DIRECTIONS

1. Remove old caulking.
2. Clean and dry surface.
3. Unscrew outer nozzle. Cut inner nozzle @ the thread point furthest away from the base of nozzle. Reattach outer nozzle, clip off tip of nozzle/spout @ 45° angle to desired size.
4. Load cartridge into caulking gun.
5. Fill void w/sealant, pushing sealant ahead of nozzle.
6. Smooth bead using Red Devil Caulk Smoother, Red Devil Putty Knife.
7. Allow sealant to cure for at least 2 hours before exposing to water. Sealant reaches full cure in approx. 24 hours.
8. Clean excess uncured sealant from surface & tools w/mineral spirits. Follow cautions on mineral spirits label. Wash hands w/soap & water.

FOR BEST RESULTS

- Application temperature is between 20° F & 120° F.
- Use on horizontal surface only.
- Not recommended for continuous underwater use.
- Store product below 77° F (25° C) in dry place, away from extreme heat or moisture.

CLEAN UP

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

LIMITATIONS

- Horizontal surfaces only.
- Should not be used as a structural sealant or glazing sealant.
- Do not use below waterline.
- Solvent Clean-up.
- Poor resistance to aromatic solvents, concentrated acids & chlorinated hydrocarbons.

CRITERIA	STATUS
CARB Compliance	Yes
Prop 65 Ingredients	Yes (See SDS)
DOT Proper Shipping Name	Not Regulated by DOT
DOT Hazard	None
DOT UN/NA Number	None
Packing Group	None
VOC Content	< 2% by weight, < 35 g/L



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PHYSICAL/PERFORMANCE PROPERTY	TEST METHOD	TYPICAL RESULT
Weight Per Gallon	Gardner Cup	13.0 +/- 2
Specific Gravity	Calculated	Approx. 1.25 to 1.75
Total Non-Volatile % Solids (Weight)	Computrac Analyzer	> 90
Extrudability/Application	Semco Gun (6 oz. @ 50 psi)	Approx. 145 Seconds
Consistency/Appearance	Visual Observation	Smooth, Viscous Paste
Shore A Harness	ASTM C661	Durometer 25 Shore A
Odor	Subjective	Low
Base Polymer	Known	MS Polymer Blend
Filler/Pigment	Known	Calcium Carbonate
Freeze/Thaw Stability	Test Lab 0F/77F @ 24 hrs. or ASTM C731	Pass 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	Minimum 1 Yr. @ 72F
Tack Free Time	Test Lab	< 90 min.
Full Cure	Test Lab	24 Hours
Storage Conditions	Test Lab	Below 77° F (25° C)- Cool & Dry Place
Application Temperature	Test Lab	20° F to 120° F (-7°C to 49°C)
Elongation at Break/Ulimate Tensile	Instron Tensile Tester	>900%
Paintability	Test Lab	Excellent w/most industrial & consumer paints; 2 hrs. drying (test prior to painting)
Service Temperature	Test Lab	-40°F to 200°F (4°C to 93°C)
Coverage	Test Lab – 3/16” Bead	50 Linear feet
Joint Movement	ASTM C719	+/- 25%

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 Crystalline Silica, Titanium Dioxide and Diisodecyl Phthalate Exposure – www.P65Warnings.ca.gov

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.