



# Fireplace & Stove

Fireplane & Stove Repair Silicate Sealant is a non-flammable, silicate-based compound that sets rock-hard when fired. The black textured paste adheres to fire brick, cinder block, metal, and mortar. It cures with a warm fire and provides a durable, long-lasting seal that withstands temperatures up to 2700°F.

## FEATURES:

- Prevents Drafts
- Non-Flammable
- Interior Use Only
- Withstands Temperatures Up to 2700°F
- Ideal For Patching Fire Bricks and Sealing Wood-burning Stoves
- Water Clean Up

## USES:

Formulated for use on Sealing Openings, Cracks, Joints, and Seams Encountered in Fireboxes, Chimneys, Furnaces, Stoves, Flue Pipes, Multiple Other Refractory Applications & More.

## ADHERES TO:

Fire Brick, Cinder Block, Concrete, Metal, Mortar & More.



INTERIOR  
USE ONLY



NON  
FLAMMABLE



VOC  
COMPLIANT



WATER  
CLEAN-UP



Meets or Exceeds Federal Specifications:

- ASTM C199
- ASTM E136



www.reddevil.com  
Customer Service: 1-800-423-3845

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Pryor, OK 74361

# TECHNICAL DATA SHEET

## FIREPLACE & STOVE

PART#	COLOR	PACKAGE	UPC #	CASE QTY.
0466	Black	10.1 fl. oz (300 mL) Cartridge	0-75339-00466-1	12

### PHYSICAL & CHEMICAL PROPERTIES:

**Base Polymer:** Silicate Mortar

**Cure Type:** Water-Based

**Weight Per Gallon:** 14.4 lbs./gal

**Consistency/Appearance (Uncured):** Glossy Paste

**Physical Cured State:** Solid Mortar

**Odor:** None

**Freeze/Thaw Stability:** Passes 3 Cycles

**Shelf Life:** Minimum 1 Year Unopened @ 77°F

**Tack Free Time:** 10 Minutes at 75°F

**Full Cure:** 24 Hours Until Air-Hardened

**Service Temperature:** -30°F to 2700°F (-34°C to 1482+°C)

**Flame Spread:** 0

**Smoke Development:** 0

**Clean-Up:** Solvent (Before Cure)

**Crack Resistance:** Excellent

CRITERIA	STATUS
CARB Compliance	Yes
Prop 65 Ingredients	Yes (see SDS)
DOT Proper Shipping Name	Not Regulated by DOT
DOT Hazzard	None
DOT UN/NA Number	None
Packing Group	None
VOC Content	< 1 g/L

### APPLICATION:

Remove old caulking/sealant. Clean, dry & remove any loose material, from the surface, that may interfere with adhesion, including dirt, debris, oil, and residue. Cut the nozzle tip to the desired bead size at a 45° angle. Load the cartridge into a standard-sized caulking gun and apply sealant to the gap or joint. Using steady pressure, force material into cavity. Sealant suitable for interior applications only. When desired depth of sealant has been achieved smooth service with a Red Devil Putty Knife. If sealant pulls back from surface, clean surface with a damp rag or sponge and re-apply. Important - Do not allow material to get wet prior to heat cure. Begin firing at low temperature. Do not start with a hot fire. Gradually increase the temperature to allow cement to harden into a solid durable body, free from pores.

### FOR BEST RESULTS:

- Surface should be clean & free of contaminants.
- For interior surfaces only.
- Store at temperatures above freezing.
- Provide low/warm fire for initial curing.

### LIMITATIONS:

- For interior use only
- Protect from freezing

### CLEAN-UP:

Excess product should be cleaned off tools and nonprous surfaces while uncured with dry cloth or paper towels. Solvents such as acetone or mineral spirits may need to be used with excessive amounts. Wash skin with warm water & mild soap.

### 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.

**CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. (See SDS for additional safety information)**

**⚠ WARNING: Reproductive Harm Risk from Ethylene Glycol & Cancer Risk From Titanium Dioxide Exposure - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**