



# Red Devil

## WATER-BASED DUCT SEALANT

# D

## D-SEAL



D-Seal® is a specially formulated smooth water based duct sealant for indoor/outdoor use. Suitable for pressure sealing all types of HVAC duct systems including metal, fiberglass ductboard and

### FEATURES:

- Interior & Exterior Use
- Fast Dry Time
- UV Resistant & Paintable
- Seals High, Medium & Low Pressure HVAC Duct Systems
- UV Resistant & Paintable
- Mold & Mildew Resistant

### USES:

Formulated for use on Metal & Flexible Ducts, Air Conditioners, Vents and HVAC Appliances.

### ADHERES TO:

Painted & Unpainted Wood, Plaster, Drywall, Brick, Glass, Metal, Aluminum, Masonry & More.



CONTRIBUTES  
TO LEED EQ  
CREDIT 4.1



EXCEEDS  
ALL SMACNA  
PRESSURE AND  
SEALING CLASSES



UL®  
LISTED



FAST DRY  
TIME

### Meets or Exceeds Federal Specifications:

- Meets SMACNA Requirements
- UL Listed 181 B-M
- LEED Compliant
- Meets CA. Dept. of Public Health Emission Requirements V1.1,2010



MADE  
IN THE **USA**



[www.reddevil.com](http://www.reddevil.com)

Customer Service: 1-800-423-3845

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

# TECHNICAL DATA SHEET

## D-Seal® WATER-BASED DUCT SEALANT

PART#	COLOR	PACKAGE	UPC #	CASE QTY.
0841DI	Gray	1 Gallon Pail	0-75339-00351-0	2
0846DI	Gray	10.1 fl. oz (300 mL) Cartridge	0-75339-01467-7	24
0848DI	Gray	5 Gallon Pail	0-75339-01489-9	4

### PHYSICAL & CHEMICAL PROPERTIES:

**Weight Per Gallon:** 12 lbs/gal +/- 0.5

**VOC:** < 0.5% by wt., <10 g/L

**Total Non Volatile % Solids (Weight):** 70% +/- 2%

**Consistency/Appearance:** Smooth Sealant

**Freeze/Thaw Stability:** Passes 5 Cycles

**Shelf Life:** Minimum 18 months @ 72°F

**Tack Free Time:** < 1 hour

**Storage Conditions:** 35°F to 110°F ( 2°C to 43°C)

**Application Temperature:** 40°F to 110°F ( -40°C to 43°C)

**Service Temperature:** -40°F to 200°F ( -40°C to 93°C)

**Pressure Rating:** > 15 w.g

**Shore A Hardness:** > 20

**Flammability-Surface Burning:** Flame Spread 0, Smoke Developed 0

**Slump Test:** Pass

### APPLICATION:

UL 181 B-M FLEXIBLE AIR DUCT & METAL DUCT: Working time - 15 minutes. Apply using a brush, palm or spatula. For spiral duct apply sealant to male section of and/or a 3" band over the exterior seam of the coupler. For rectangular ducts apply a 3" band of sealant on all seams in rectangular duct. On all ducts thoroughly cover joint head and sheet metal screws. Depending on conditions allow D-Seal to set (approx. 24-72 hours) before pressure testing the system; cool/humid conditions may extend set time. Spread at a minimum 20 mils. wet film thickness with a brush, or pump into fitted joints. Seal all joints seams and penetrations in the duct work to ensure an airtight system.

### SURFACE PREPARATION:

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax & old caulking. It will dry to touch in one (1) hour. Do not apply 5 hours before rain and freezing temperatures.

### FOR BEST RESULTS:

- Apply in temperatures between 40°F (& rising) & 110°F.
- Store between 35°F & 110°F, in original container.
- Do not attempt to thin. Prior to pressure testing, allow 24 to 72 hours dry time depending on temperature, humidity and application thickness.

### LIMITATIONS:

- Apply only to clean, dry, frost-free surfaces.
- Do not apply when rain or freezing temperatures are expected.
- Protect from rain & exposure to water for 72 hours.
- Not recommended for below grade applications.

CRITERIA	STATUS
CARB Compliance	Yes
Prop 65 Ingredients	Yes (See MSDS)
DOT Proper Shipping Name	Not Regulated by DOT
DOT Hazard	None
DOT UN/NA Number	None
Packing Group	None
VOC Content	< 1.5% by weight, < 25 g/L

### 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: Risk of Cancer Ethyl Acrylate, Titanium Dioxide, Quartz Exposure -**  
**www.P65Warnings.ca.gov**