



Red Devil



LEED® Compliant

WATER BASED DUCT SEALANT



DESCRIPTION

D-Seal™ is 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 flexduct.

PART #	PACKAGE	COLOR	UPC
0841DI	1 Gallon Pail	Gray	075339003510
0845DI	28 oz (858 ml) Cartridge	Gray	075339006481
0846DI	10.1 oz (300 ml) Cartridge	Gray	075339014677
0847DI	2 Gallon Pail	Gray	075339006504
0848DI	5 Gallon Pail	Gray	075339014899

KEY FEATURES

- Indoor/Outdoor Use
- Fast Dry Time
- Exceeds all SMACNA Pressure and Sealing Classes
- UL Listed 181B-M
- Meets Requirements of NFPA 90A, 90B and 225, UL723/ASTM E84
- Seals High, Medium & Low Pressure HVAC Duct Systems
- Low VOC, Contributes to LEED EQ Credit 4.1
- UV Resistant & Paintable

PHYSICAL/ PERFORMANCE PROPERTY	TEST METHOD	TYPICAL RESULT
Weight Per Gallon	Gardner Cup	12 lbs/gal +/- .5
VOC	Calculated	<0.5% by wt., <10 g/L
Total Non Volatile % Solids (Weight)	Computrac Analyzer	70% +/- 2%
Consistency/Appearance	Visual Observation	Smooth sealant
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs. Lab 50 C Oven -Accelerated	Passes 5 cycles
Shelf Life	ASTM D2377	Minimum 18 months @ 72F
Tack Free Time	Test Lab	< 1 hr
Storage Conditions	Test Lab	35F to 110F
Application Temperature	Lab Oven/QUV/Freezer/OE Fence	40F to 110F
Service Temperature	Test Lab/Field Evaluation	-40F to 200F
Pressure Rating	Test Lab	>15 w.g
Shore A Hardness	Lab Results	>20
Flammability - Surface Burning	UL723/ASTM E84 NFPA 90A, 90B & 225	Flame Spread 0 Smoke Developed 0
Slump Test	ASTM D-2202	Pass



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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 hrs
- Not recommended for below grade applications

APPLICATION INSTRUCTIONS

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. Paintable after 48 hour 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 40F (& rising) & 110F. Store between 35F & 110F, 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.

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

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SEE SDS FOR ADDITIONAL DATA / INFORMATION