



# Red Devil



## TECHNICAL DATA SHEET

# FIRESTOP SEALANT

### DESCRIPTION

Advanced Versatile Intumescent product formulated for firestopping, smoke spread prevention, and noxious gasses. Designed to resume the integrity of fire rated floors and walls who penetrated by plumbing, electrical and other mechanical items. Can also act as a barrier to airborne sound transmission.

### KEY FEATURES

- Intumescent – Expands Up To 10X Original Size
- Meets or Exceeds Federal Specifications
  - ASTM E814, (UL1479)
  - ASTM E84, (UL723)
  - ASTM E1966 (UL2079)
  - ASTM G21
- Fire Rated
- Excellent Adhesion and Dynamic Flexibility
- Paintable
- Helps minimize sound transfer
- VOC - LEED v4 Compliant
- Interior/Exterior

### COLOR

Red

### PACKAGING

- Cartridge – 9 fl. Oz. (266 ml)

### USES

For sealing penetration openings against the spread of fire, smoke, and noxious gasses. Provides up to a 4-hour Fire Rating for typical service penetrations such as concrete, wood floors, concrete-masonry walls, and gypsum board walls. Also acoustically tested, demonstrating excellent sound attenuation properties.

### ADHERES TO

Steel, Iron, Copper, PVC, CPVC, ABS, PEX, Many types of Wood. Substrates used in Ductwork/HVAC - Insulated Pipes used in heating, cooling, and condensation applications.

### SURFACE PREPARATION

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint, frost & old caulking.

### DIRECTIONS

1. Refer to the manufacturer's UL specified application procedures to ensure proper application of firestop sealant.
2. Clean and dry surface.
3. Clip off tip of nozzle/spout @ 45° angle to desired size.
4. Load cartridge into standard caulking gun.
5. Using steady pressure, force material into cavity
6. When desired depth of sealant has been achieved, smooth service with a damp Red Devil Putty Knife, rag, or sponge. Leaving no visible air passage.
7. Allow material to dry a minimum of 24 hours before exposure to moisture.

### FOR BEST RESULTS

- Do not attempt to thin product
- Allow to fully cure prior to painting with only non-solvent paints
- Do not paint or seal in any way that prevents contact with air until sealant has dried through completely

### CLEAN UP

Water or Mild Soap and Water.

### LIMITATIONS

- Not intended for water immersion.
- Non-porous backing material or coating may slow down drying.
- Do not apply to frozen surfaces.

CRITERIA	STATUS
CARB Compliance	Yes
Prop 65 Ingredients	None (See MSDS)
DOT Proper Shipping Name	Not Regulated by DOT
DOT Hazard	None
DOT UN/NA Number	None
Packing Group	None
VOC Content	< 1% wt., < 10 g/L



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<b>PHYSICAL/PERFORMANCE PROPERTY</b>	<b>TEST METHOD</b>	<b>TYPICAL RESULT</b>
Weight Per Gallon	Gardner Cup	9.0
Specific Gravity	Calculated	Approx. 1.08
Total Non-Volatile % Solids (Weight)	Computrac Analyzer	> 78% to 82%
Extrudability/Application	Semco Gun (6 oz. @ 50 psi)	7 to 10 seconds
Consistency/Appearance	Visual Observation	Red Paste
pH (initial)	pH Meter	8 to 10
Odor	Subjective	Mild Latex
Base Polymer	Known	Acrylic
Filler/Pigment	Known	Fumed Silica/Red Iron Oxide
Flame Spread	ASTM E84 (UL723)	10
Smoke Developed	ASTM E84 (UL723)	0
STC Rating	Known	50
Expansion Begins	Test Lab	320° F
Volume Expansion	Test Lab	10X Free Expansion
Storage Conditions	Test Lab	Original Container: 40F to 90F
Application Temperature	Test Lab	40° F to 120° F (4C to 49C)
Freeze/Thaw Stability	Test Lab 0 F/77 F @ 24 hrs. – ASTM C731	Passes 5 cycles
Shelf Life	Test Lab	2 yrs. @ 75° F
Service Temperature	Test Lab	130° F
Full Cure Time	Test Lab	3 – 4 Weeks (1/8"/3 mm) per day

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

**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.