



# SMOKE BLOCK

## NON-COMBUSTABLE SEALANT

Smoke Block is an advanced non-combustible sealant that minimizes airflow within wall cavities without contributing to the wall's fuel load. Provides smoke and draft re-blocking in wood frame walls and floors. Used to fill the circular space around penetrants and along seams to openings throughout the entire building envelope.

### FEATURES:

- Non-Combustible
- Excellent Adhesion to Wood and Masonry Metals
- VOC Compliant
- Does Not Enhance Flame or Smoke
- Interior & Exterior Use
- Paintable

### USES:

Formulated for use on Wood Frame Walls, Floors, Vents, Pipes, Chimneys, Fireplaces & More.

### ADHERES TO:

Wood and Masonry Building Materials, PVC/CPVC Pipes, ABS, PEX Tubing, Most Metals and More.



PAINTABLE



ASTM E136 & E814



EXCELLENT ADHESION



VOC COMPLIANT

Meets or Exceeds Federal Specifications:

- ASTM E136
- ASTM E814



[www.reddevil.com](http://www.reddevil.com)  
Customer Service: 1-800-423-3845

Red Devil, Inc.  
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Pryor, OK 74361

# TECHNICAL DATA SHEET

## SMOKE BLOCK™ SEALANT

PART#	COLOR	PACKAGE	UPC #	CASE QTY.
SB100RD	Red	10.1 fl. oz (300 mL) Cartridge	0-75339-01597-1	12

### PHYSICAL & CHEMICAL PROPERTIES:

Weight Per Gallon: 14.0

Specific Gravity: Approx. 1.62

Total Non-Volatile % Solids (Weight): > 68% +/- 3

Extrudability/Application: 12 seconds +/- 5

Consistency/Appearance: Smooth, Glossy Paste

pH (initial): 10 to 12

Odor: Low

Base Polymer: Silicate Mortar

Filler/Pigment: Proprietary

Slump: 0

Compliance: Meets non-combustibility of ASTM E136

STC Rating: 52

Expansion Begins: 320°F

Volume Expansion: 10X Free Expansion

Storage Conditions: Original Container: 35°F to 95°F

Application Temperature: 40°F to 120°F (4.4°C to 18.9°C)

Freeze/Thaw Stability: Passes 5 cycles

Shelf Life: 1 year @ 72°F

Service Temperature: 35°F to 2700°F (-34.4°C to 1482°C)

Cure Time: 48 to 72 Hours at 75°F

### APPLICATION:

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint, frost & old caulking. Alcohol or Acetone can be used to clean the surface depending on the substrate. Since porous materials can absorb and retain moisture. It is very important that all substrates are dry prior to application. Clip off tip of nozzle/spout @ 45° angle to desired bead size. Load cartridge into caulking gun and apply. Smooth caulk using a Caulk Smoother, Putty Knife or Damp Cloth. Remove excess with a damp cloth before surface skins over.

### FOR BEST RESULTS:

- Do not attempt to thin product.
- Prior to use, product should be brought to room temperature or 70°F (21°C) whichever is greater.
- Review application data for specific aluminum alloys before using with aluminum pipe.
- Use in non-vibrating construction joints.

### CLEAN UP:

Excess product should be cleaned off tools and non-porous 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.

### LIMITATIONS:

- Use on interior applications only.
- Cannot be used in areas where there is continuous vibration on the opening.
- Not for use in fire-rated assemblies.
- Not for use in multi-family residential or commercial construction.

### 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 and Reproductive Harm From Titanium Dioxide and Crystalline Silica Exposure - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**

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, < 20 g/L