



Red Devil

FOAM & FILL

Fire Block Polyurethane Foam Sealant

Foam & Fill® Fire Block is a self-extinguishable polyurethane foam sealant that fills, insulates, and seals interior and exterior gaps and cracks, inhibiting the passage of fire through residential utility penetrations. Formulated to block air intrusion, this foam sealant reduces the spread of fire, smoke, and gas into walls and ceilings.

USES:

Blocks the passage of flame & smoke by applying Foam & Fill Fire Block to electrical, plumbing, HVAC, and other penetration types commonly found in residential construction. Conveniently seal and insulate between walls, under floors, and around cables, pipes, vents, ducts, and more.

FEATURES:

- Tested according to ASTM E814 NFPA 286 & meets requirements for fire blocking penetrations.
- Type V residential Fire Block for “non rated” single family construction.
- Inhibits passage of fire through residential utility penetrations.
- Excellent sealing against gas, smoke, and energy loss.
- High yield up to 47 quarts depending on temperature and humidity
- Mold proof, water-proof, and paintable after cured.

ADHERES TO:

Most substrates including wood, glass, metal, masonry & plastic.



**FIRE & SMOKE
BLOCKING**



**SEALS AGAINST
GAS, SMOKE &
ENERGY LOSS**



**ASTM E 814
NFPA 286**



UL LISTED



**HIGH YIELD
COVERAGE**



**INTERIOR &
EXTERIOR**



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

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

TECHNICAL DATA SHEET

Fire Block Foam Sealant

PART#	COLOR	PACKAGE	UPC #	CASE QTY.
0915	Orange	12 oz. Fire Block Straw Canister	0-75339-01365-6	12
0925	Orange	24 oz. Fire Block Gun Canister	0-75339-02605-2	12

PHYSICAL & CHEMICAL PROPERTIES:

Curing System: Moisture Cure

Tack-Free Time: 6 ± 2 minutes (ASTM C1620)

Cutting Time: 20-45 minutes (ASTM C1620)

Cure-Time: 24 hours

Foam Color: Orange

Shelf Life: 12 months (unopened package 77°F / 25°C)

Yield: (Straw) Approx. 21-26 Qt. (Gun) Approx. 42-47 Qt.

Fire Class of Cured Foam: B2 (DIN 4102-1)

Shear Bond Strength: >12 MPa

Thermal Conductivity: 0,036 W/m.k (at 68°F / 20°C) (DIN 52612)

Compression Strength: 0,03 MPa (DIN 53421)

Shrinkage: < 5% after 24 first hours

Water Absorption: max. 1% after 24 hours (DIN 53428)

Temperature Resistance: -40°F to 194°F (-40°C to 90°C)

Application Temperature: 41°F to 86°F (5°C to 30°C)

RESTRICTIONS:

- Storage above 86°F/ 30°C and Below 41°F/ 30°C
- Should be stored and transported in vertical position.
- Should be kept in room temperature for at least 12 hours before application.
- Lower temperatures decreases yield and curing time.
- Cured foam will discolor if exposed to UV light.
- Paint cured foam for best results in outdoor applications.

CRITERIA	STATUS
CARB Compliance	Yes (Currently Exempt)
Prop 65 Ingredients	None
DOT Proper Shipping Name	Aerosols Flammable
AIR OR OCEAN EXPORT/DOT	AEROSOLS, class 2.1, UN 1950
VOC Content	< 2 g/L
LEED Credit	EQc 4.1

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: CONTAINS HARMFUL CHEMICALS THAT MAY IRRITATE EYES, SKIN & RESPIRATORY TRACT. NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. (See SDS for additional safety information)

APPLICATION PREPARATION:

- Shut off all gas pilot lights, electrical igniters, burners, and other sources of ignition and heat before and during use, as this product is **FLAMMABLE** during dispensing. Surface should be clean, dry, & free of contaminants for maximum adhesion.
- Wear protective gloves and protective eyewear.
- **Gun Canister:** Make sure Gun's regulator knob is in the closed position. Screw threaded end of the can into dispensing gun basket until tight, do not over tighten.
- **Straw Canister:** Screw straw nozzle assembly to valve.

APPLICATION GUIDELINES:

Clean the surface from oil, dust and greases. For best results and maximum yield apply at temperatures 41°F-86°F. Use below 41°F is not recommended. Protect the area to be sprayed with cloth or newspaper. Shake the can vigorously for at least one minute before use. Always dispense the can in an upside-down position.

Gun Canister: The outflow of the foam can be controlled with the trigger and the bead size can be adjusted with the regulator knob on the back side of the gun. Fill openings only 33% to allow for expansion of foam. Do not overfill. Overfilling can cause jams or sills to buckle. Do not remove dispensing gun from can until can is empty. Product is able to restart up to 30 days after initial use.

Straw Canister: Slowly pull trigger until foam flows smoothly. Fill openings only 33% to allow for expansion of foam. Do not overfill. Overfilling can cause jams or sills to buckle. Release trigger 5 seconds before end point but keep the nozzle end moving.

CLEAN-UP: Uncured foam - clean immediately with Red Devil® Gun Cleaner. Cured foam - cannot be removed with solvents. If foam hardens on skin, use an industrial hand cleaner with pumice. Repeat if necessary. Foam that cannot be removed will wear off in time.