0915 Foam & Fill Fire Block Polyurethane Foam FAQ

- **What is the base chemistry of this product?** Polyurethane based form.

- **What color is this foam formula?** Applies a shade of orange for easy identification.

- **Is it a good idea to shake can before use?** Yes – shake can vigorously for up to 60 seconds, before use.

- **Does the foam stick/adhere to all substrates?** Can be used on virtually all clean surfaces, except Teflon, Silicone & Polyethylene.

- **What key applications is this formula designed to meet?** Use for a wide range of interior & exterior sealing & insulating applications such as basement areas, attic areas & around cables, pipes, vents & duct penetrations. Use to seal concealed penetrations between floors or rooms (electrical, plumbing, HVAC, etc) in residential construction (type V*) to block passage of flame & smoke.

- **Is this formula suitable for interior or exterior applications?** Yes. Exterior applications must be painted when cured, to prevent damage to foam by UV rays from sunlight.

- **Is this formula evaluated per ICC-ESR-3402?** Yes.

- **Does this formula meet I-Code requirements?** Yes.

- **In what applications is this Fire Block formula suitable?** Type V Residential – excellent sealing against Gas, Smoke & Energy Loss. Formula inhibits the passage of fire through residential utility penetrations. Tested as an approved fireblocking material for use in “non-rated” single family construction only.

- **Is this formula suitable for use as a commercial firestop?** No – not for use as a commercial firestop.

- **Has this formula been tested according to ASTM E814?** Yes.

- **Has this formula been tested according to NFPA 286?** Yes.

- **Should this formula be considered flammable?** Yes – extremely flammable.

- **Should can be held upside down for application?** Yes – never activate w/ can right side up, as propellant will escape.
How much of this foam formula should be applied? Fill void only 33% to allow for expansion of foam. Do not overfill. Overfilling can cause buckling.

Is this formula UL listed? Yes – product is UL listed & exhibits a Flame Spread of 15 & a Smoke Developed of 20.

What are the recommended storage conditions for this product? Store in cool, dry area – store in upright position @ temps above freezing. Avoid temps above 100F.

What is the recommended temperature range for product use? 41F to 86F. Extrusion in lower temperatures will be slow & product curing may be effected.

What is the Service Temperature of product after full cure? -76F to 212F.

Is product paintable? Yes – after 24 hrs curing. Cured foam in exterior applications should always be painted to protect from attack by UV/sunlight

Is product flammable? Yes – particularly during dispensing of product. Contents are under pressure in can & may explode if heated.

Does this foam exhibit any shrinkage during cure? Very minimal @ < 5% after first 24 hrs.

When fully cured, can this product be considered airtight & waterproof? Yes.

How can uncured product be cleaned? Clean immediately w/ nail polish remover, acetone or paint thinner. Follow cautions & warnings on solvent/cleaner labels

How can cured foam be removed? Cured form cannot be removed w/ solvents – cured foam can be removed from skin using an industrial cleaner w/ pumice. Applying petroleum jelly to skin will also help to soften the cured foam, as part of removal process. Cured foam will wear away w/ time & is not harmful to health.

Additional safety hints? Always wear protective gloves & eyewear when using this product. Use in a well ventilated area or w/ proper respiratory protection. Avoid contact w/ skin or eyes & do not breathe vapors.

What is the approximate closed cell content for this formula? Up to 60%.

Does this foam formula exhibit an odor? Mild odor during application – odorless @ full cure.
- **What is the approximate tack free time of this foam formula?** Approximately 10 minutes.

- **What is the approximate expansion of this 12 oz. can?** Approximately 0.6 cubic feet.

- **What is the approximate linear footage for a ½ inch bead of foam?** Approximately 465 linear feet.

- **What is the approximate cure time required, prior to cutting this foam?** Approximately 60 minutes (1” bead).

- **What is the approximate R-Value for this product?** 4-5 per inch.

- **What shelf life should be expected from this Fire Block Foam?** 1 yr in unopened container @ 72 to 77F.

- **How water resistant is this material?** Excellent water resistance @ full cure (water absorption 1.5% after first 24 hrs, then waterproof).

- **Where can additional information be found on 0915 Fire Block Foam?** See MSDS & TDS on this website ([www.reddevil.com](http://www.reddevil.com)).