

## **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 foam 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)).