

Section 10

Fire Retardants

Fire Stops

Fire Blocks

Fire Rated Wire – Cable - Pipe Transits

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User Mixed Fire
Retardant Fabric Spray
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Expanding Foam
Firestop – UL1479
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Fire retardant impregnation for fabric, cloth & paper Spray – User Mixed. For chairs, couches, curtains, wall coverings and hangings



Proprietary formulation effectively retards ignition and the spread of flames on natural and synthetic fibers and fabrics.

User mixes the impregnation powder with water at the ratio of 1 Lb (455g) of product per gallon of water for natural fabrics and 1.5 lb of product per gallon for mixed and synthetic fabrics. May also be used on paper, cardboard and non-painted wood surfaces.

1 gallon of mixed formulation covers approximately 100 sq ft of material.

Used to protect chairs, couches, curtains, wall coverings & hangings, paper & wood.

The mixed solution can be sprayed easily using a pump bottle obtained from most large department retailers or garden centres. Ensure that the pump bottle is appropriately labelled.

This formulation is not suitable for application onto non-woven and woven plastics such as polyethylene tarps or groundsheets as those materials do not absorb the formulation.

Not for use on apparel, garments or workwear.



The resulting mixture is a tested “A” Class Fire Retardant spray for curtains, fabric and upholstery, and meets CAN/ULC S109.

Also meets NEN-EN-ISO 6941/6940; DIN 4102, class B1, B2; DIN 66082 / 84; BS 5438, 5867, 5852; NFP-92 503, class M1-M3

Items washed must be re-sprayed. Items dry-cleaned must be re-sprayed after 5 dry-clean cycles.

Available in 1 pound (455 gram) jars, 5 pound cans, 20 pound pails and larger quantities.

Fire Retardant Fabric Spray Impregnation Powder	
Part Number	Size
FR-FS-11-1	1 lb jar
FR-FS-11-5	5 lb can

Fire Rated Expanding Foam Firestop

FlameShield™ 2 Hour rating meeting UL1479 – tested to ASTM-E-814



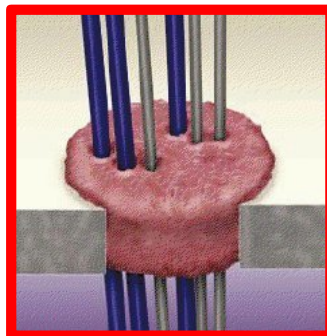
FlameShield™ expanding foam firestop is tested to ASTM E-814 and meets UL 1479 to provide a 2 hour firestop.

Designed to prevent the spread of fire and smoke from one compartment to another through gaps, cracks and voids through fire rated walls and floors.

Excellent adhesion to most building materials.
Unaffected by moisture and humidity after curing.
Provides a strong and semi-rigid seal.

CFC free, easy to install and finish.

The 24 oz can provides .997 cubic foot of volume when cured. The 10 oz can provides .41 cubic foot of volume when cured.



FlameShield™ Fire Rated Expanding Foam Firestop	
Part Number	Size
FR-FS-FOAM-24	24oz
FR-FS-FOAM-10	10oz



· Classification system:
· NFPA ratings (scale 0 - 4)



Health = 2
Fire = 0
Reactivity = 3

· HMIS-ratings (scale 0 - 4)



Health = *2
Fire = 0
Reactivity = 3



Harmful
Extremely flammable

Fire Rated Acrylic Intumescent Caulk Firestop FlameShield™ Meeting UL1479 – tested to ASTM-E-814



FlameShield™ fire rated acrylic intumescent caulk is designed to prevent the spread of fire from one compartment to another wherever services wires, cables and pipes penetrate separating walls and floors, or wherever a gap remains between elements in fire rated walls or floors.

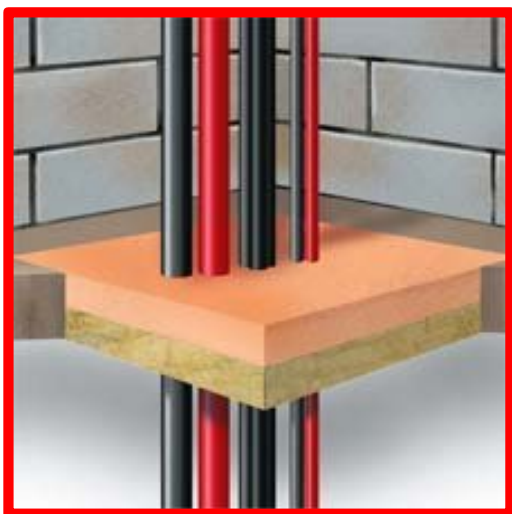
This single part water based acrylic caulk provides a firm but flexible seal to joints in a variety of fire rated structures. It will not support combustion, and when exposed to fire it forms a carbonaceous char which expands to effectively seal any gaps, and prevents the spread of smoke and fire.

- Available in a variety of packaging sizes.
- Fast cure – tack free in 75 minutes.
- Excellent adhesion to most building materials.
- Excellent slump resistance.

FlameShield™ Fire Rated Acrylic Intumescent Caulk Firestop	
Part Number	Size
FR-FS-CAULK-AIC-10C-R	10.5oz
FR-FS-CAULK-AIC-20C-R	20oz
FR-FS-CAULK-AIC-2G5-R	2.5 Gal Pail
FR-FS-CAULK-AIC-10-5G-R	5 Gal Pail
FR-FS-CAULK-AIC-10C-W	10.5oz

Fire Rated Mortar Firestop

FlameShield™ 4 Hour rated mortar Meeting UL1479 – tested to ASTM-E-814



FlameShield™ fire rated mortar firestop is easy to mix and use, and is ideal for irregular holes and defects.

This is a lightweight mortar compound that is designed to prevent the spread of fire from one compartment to another where services penetrate fire rated walls and floors.

FlameShield Mortar consists of a specially blended powder, supplied in easy to handle bags. When mixed with water, it forms a trowable or pourable mixture that is easy to install.

When exposed to the heat of a fire, the excellent thermal insulation properties provides an effective barrier, preventing the passage of fire and smoke. Unlike sand and cement mortars or concrete, the special formulation resists shrinkage, cracking, and does not spall.

During the curing process, this mortar slightly expands ensuring that an excellent seal is made even in irregular openings.

FlameShield™ 4 Hour Fire Rated Mortar Firestop	
Part Number	Size
FR-FS-MORTAR	20kg / 44 lbs

Split-Sleeve Firestop for Retrofit Wire & Cable Passthrough Transit

2 and 4 Hour rated retrofit firestops for wire and cable
passthrough of rated walls and floors



FlameShield™ retrofit split-sleeve fire rated firestop passthrough transit for wires and cables is the easy way to bring non-compliant installations into code passing compliance.

Simply clean up the existing hole to allow installation of the split sleeve, add the collars and support rings, insert the intrumescent putty and you have a finished retrofit that will pass inspection.

Available in several sizes and ratings for vertical fire rated walls and floors.

FlameShield™ Retrofit Split Sleeve Wire & Cable Firestop Passthrough Transits: UL 1479 classified for up to 4 hours

Part Number	Size
FR-FS-METAL-SS-1	1" Kit
FR-FS-METAL-SS-2	2" Kit
FR-FS-METAL-SS-4	4" Kit
FR-FS-FK-1	Extra Putty

Other sizes, configurations available. Floor penetration and membrane penetration kits available.



Thermal, EMI/RFI & Abrasion Protection Materials

Fax Orders: 610-340-9054 Telephone Orders: 610-906-3549 orders@abthermal.com



Thermal, EMI/RFI & Abrasion Protection Materials

Fax Orders: 610-340-9054 Telephone Orders: 610-906-3549 orders@abthermal.com

Intentionally Blank

High Temperature, Heat, Flame, Fire, Molten Metal & Weld Splatter Protection Materials

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