

FIRESTOP-814+

INTUMESCENT FIRESTOPPING SEALANT

TECHNICAL DATA SHEET



Product Description

Firestop-814+ is a UL Classified, intumescent firestop sealant designed to resume the integrity of 1 & 2 hour fire rated floors and walls when penetrated by plumbing, electrical, and other mechanical items. In fire conditions, Firestop-814+ forms an effective barrier to prevent the spread of flames, smoke, and toxic gasses. Firestop-814+ is a one part, intumescent, latex based sealant that is suitable for adhesion to many substrates. Firestop-814+ has been tested and approved to be used as a filler for "Through-Penetration" firestop systems.

Testing, Standards & Applications

Firestop-814+ has been tested to **UL1479/ASTM-E814** for use in "Through-Penetration" firestop systems encountered in commercial and multi-dwelling residential construction. Firestop-814+ fulfills and exceeds the commercial and residential firestopping requirements specified in all model building codes. Primary sealing applications include:

- Electrical wiring
- HVAC Ducts
- PVC & CPVC Pipes
- Steel, iron & copper pipes
- EMT and conduit
- Head of wall
- Wood floors
- Gypsum Walls
- Concrete Floor and Wall Systems

Application Procedures

1. Clean area to be protected so that it is clean of wood shavings, dust particles and debris.
2. Refer to the manufacturer's UL specified application procedures to ensure proper application of the firestop sealant.
3. Cut the cartridge nozzle to desired bead width.
4. Fill the annular space or void with Firestop-814+ to the required depth
5. When encountering multiple wires or cables through a single penetration, be sure to apply caulking between and around the wires to ensure complete contact of filling material with the wire substrates and annular space surface.
6. There should be no visible air passage upon completion of firestopping application.

PRODUCT FEATURES

- Great Adhesion
- Excellent Freeze/Thaw
- Non Shrinking
- Non Sag
- Smooth Consistency
- Identifiable Color
- Low V.O.C.'s
- Easy Clean-up

Packaging

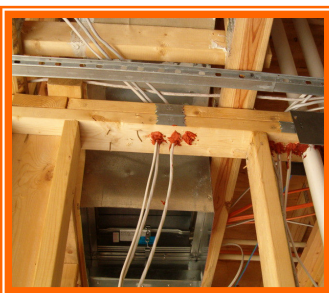
Part#:	Description	Pack
FS-814+	10.3 oz tube	12/ Cs
FS-814+28	29 oz tube	12/ Cs
FS-814+5	5 Gallon Pail	Each

Limitations, Storage & Cautions

- A two year shelf life is expected of un-opened containers.
- Store between 35°F and a max. of 120°F.
- Containers should be tightly sealed when Not in use.
- Ensure proper rotation of stock.
- Do not take internally.
- Keep out of reach of children.

Physical Properties

Color:	Coral Red
Physical Uncured State:	Glossy Paste
Physical Cured State:	Rubbery Solid
Tack Free Time:	30 Minutes
Cure Time:	3 to 4 weeks
Odor:	Slight Odor
Freeze/Thaw:	Excellent
Shelf Life:	2 years
Weight per Gallon:	12 lbs
Percent V.O.C.'s:	< 10%
Volume Coverage:	10.3 oz tube / 18 In ³



Flame Tech Inc.

5180 Indiana Avenue, Winston-Salem, NC 27106

Ph: 1-800-638-3160 Fx: 1-336-661-7969

www.firestoppingcaulk.com

