

# FLAME GUARD-814

## NONCOMBUSTIBLE FIRESTOPPING CAULK TECHNICAL DATA SHEET



### Product Description

**Flame Guard-814** is a UL Classified 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, **Flame Guard-814** forms an effective barrier to prevent the spread of flames, smoke, and toxic gasses. **Flame Guard-814** is a one part, non-intumescent, silicate based sealant that is suitable for adhesion to many substrates. **Flame Guard-814** has been tested, classified, and approved to be used as a filler for "Through-Penetration" firestop systems.

### Testing, Standards & Applications

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

- Concrete Floor and Wall Systems
- Telephone Cable
- Electrical wiring
- Blank openings
- Steel, iron & copper pipes

### 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 **Flame Guard-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.

### Packaging

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

### Limitations

- Will freeze at temperatures below 32°F.
- For interior applications only.
- Not intended for use where heavy vibration or dynamic movement is expected.
- Do not install where material is susceptible to continuous water immersion.
- Do not take internally.

### Physical Properties

<b>Color:</b>	Brick Red
<b>Physical Uncured State:</b>	Glossy Paste
<b>Physical Cured State:</b>	Solid Mortar
<b>Tack Free Time:</b>	10 Minutes
<b>Cure Time:</b>	3 to 4 weeks.
<b>Odor:</b>	Odorless
<b>Freeze/Thaw:</b>	Excellent
<b>Shelf Life:</b>	1 year
<b>Weight per Gallon:</b>	14 lbs
<b>Percent V.O.C's:</b>	0%
<b>Flame Spread:</b>	0
<b>Smoke Development:</b>	0

### PRODUCT FEATURES

- Great Adhesion
- Excellent Freeze/Thaw
- Non Shrinking
- Non Sag
- Smooth Consistency
- Identifiable Color
- No V.O.C.'s
- Easy Clean-up



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