



# FIRESEAL™ 814

## INTUMESCENT FIRESTOP SEALANT



### FEATURES

- *Fire Rated*
- *Flexible Set*
- *VOC Compliant*
- *Excellent Adhesion*
- *Water Based (Acrylic)*
- *0 Slump (ASTM D2202)*

TECHNICAL SPECIFICATIONS	
Packaging	12 - 10.3 oz Tubes Per Case / 45 Cases Per Pallet / 540 Tubes
Shelf Life	12 months in unopened containers
Coverage Rates	10.3 oz. tube: 31 linear ft. 3/16" bead
Cure Time	Tack Free.....1 hour Full Cure.....48 hours Depending on temperature, humidity, and application thickness
Solid Content	80% ± 2% by weight
Weight Per Gallon	13.7 lbs. ± 0.3
VOC	133 grams/ltr.
Color	Iron Oxide Red
Temperature Limits	Application.....35°F to 110°F Service.....-4°F to 158°F Storage.....40°F to 86°F
Paintability	Latex.....When Cured Oil Base.....When Cured
Flame Spread	SURFACE BURNING CHARACTERISTICS Flame Spread .....0 Smoke Developed .....0 Meets Class 1 rating when tested to UL 723, ASTM E-84 and NFPA 90A, 90B, and 225.

### DESCRIPTION

**FIRESEAL 814** is an ASTM E-814 rated one part water based acrylic intumescent sealant formulated to seal gaps in construction and through penetrations against the passage of fire, smoke and gasses.

### RECOMMENDED USES

**FIRESEAL 814** has been tested where services penetrate through concrete walls, floors, and drywall construction, and is suitable for use around copper and steel pipes, steel conduits, electrical cables, data and telephone cables, PVC, CPVC pipes, and HVAC ducts.

### APPLICATION INSTRUCTIONS

1. Areas to be sealed must be dry, clean and free from oil, grease and foreign matter.
2. Verify that any annular space between the through-penetration and the opening is within the limits defined by the tested constructions.
3. When mineral wool is required, cut oversize and pack tightly into space between the opening and the service, ensuring that the forming is positioned to allow for correct depth of **FIRESEAL 814** sealant (contingent upon system design).
4. Apply **FIRESEAL 814** using a conventional caulking gun, pneumatic gun, putty knife or trowel.
5. When desired depth of **FIRESEAL 814** sealant has been achieved, smooth surface with damp knife or spatula.

### SPECIFICATION APPROVALS

Tested in accordance with ASTM E-814, UL 1479. UL Classified 1 and 2 Hour Rating.

### SAFETY PRECAUTIONS

Consult Manufacturer's Material Safety Data Sheet.

**FIRST AID:** *For skin contact* -wash skin thoroughly with soap and water; *For eye contact* -irrigate with clean fresh water for at least 10 minutes holding eyelids apart, and seek medical advice; *If swallowed* - wash mouth with water and give water to drink. Do not induce vomiting. **KEEP OUT OF REACH OF CHILDREN.**

### CLEAN UP

Use warm soapy water (when wet).

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