

New Products Available from...



FIRESTOP SEALANT

INTUMESCENT FIRESTOPPING SEALANT

Nesco Firestop-814+ is a cULus listed, intumescent firestopping sealant designed to resume the integrity of up to 4 hour fire rated floors and walls when penetrated by plumbing, electrical, HVAC, and other mechanical items. FIRESTOP-814+ fulfills the ASTM-E814 standard for through penetration firestop systems and has been cULus tested to demonstrate its effectiveness as a barrier against flames, smoke and toxic gases. FIRESTOP-814+ is a non-sag, water based sealant that is suitable for conditions where active movement is expected.

Technical Data

INTUMESCENT ELASTOMERIC FIRESTOP CAULK - UNCURED PROPERTIES

Chemistry	Acrylic
Application Temperature	4°C to 49°C (40°F to 120°F)
Uncured State	Glossy Paste
Tooling Time	approx. 30 minutes
Full Cure Time	3 to 4 weeks
Colour	Red
Shelf Life	approx. 2 years



Part #	Description
Firestop-814+	10.1 Fl. Oz. Tube

Advantages:

- ✓ Meets IEEE standards
- ✓ Tested to ASTM-E814, ASTM-E1966 performance criteria
- ✓ Tested to LEEDv4 emissions requirements
- ✓ Up to 4 hour fire-rating
- ✓ Intumescent & elastomeric
- ✓ Chemically compatible with most pipe fittings, as well as all PVC, CPVC, ABS, PEX tubing, and other applicable tested penetrating items
- ✓ Excellent freeze-thaw
- ✓ Easily identifiable colour

Applications:

- ➔ Multi-family & commercial construction
- ➔ Electrical, plumbing, and other mechanical penetrations in wood, gypsum, and concrete floor and wall assemblies
- ➔ As a fire-rated acoustical sealant or smoke sealant
- ➔ Not intended for water immersion
- ➔ Not intended for use against hot uninsulated surfaces above 150°C (300°F)

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Technical Data

INTUMESCENT ELASTOMERIC FIRESTOP CAULK - CURED Properties
Based on curing conditions of 24°C (75°F) and 50% relative humidity

Cured State	Rubbery Solid
ASTM-E814	Tested to ASTM-E814 "Standard Test Method for Fire Tests of Penetration Firestop Systems"
ASTM-E1966	Tested to ASTM-E1966 "Standard Test Method for Fire-Resistive Joint Systems"
ASTM-E84	Meets ASTM-E84 "Standard Test Method for Surface Burning Characteristics of Building Materials" 10 Flame Spread / 0 Smoke Developed
ASTM-E90	Tested to ASTM-E90 "Standard Test Method for Laboratory Measurement of Air-borne Sound Transmission Loss of Building Partitions and Elements" in a 65 STC Wall
LEED v4 Emissions	Tested to CDPH Standard Method / CA Section 01350 Emissions Testing
Service Temperature	Tested to time-temperature requirements of ASTM-E119
Paintability	Paintable with latex paint after 2-hours; with oil-based paint after 24+ hours
Movement	Elastomeric, suited for uses where dynamic movement is expected

Installation

Surface Preparation	Surfaces should be clean of any debris or material that may prevent or deter adhesion. Such debris includes, but is not limited to: dirt, frost, loose particles, existing sealants, grease, oils, rust, etc.
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