

Intumescent Latex

TYPICAL PROPERTIES

Specific Gravity	1.42
Consistency (ASTM C639-5)	Non Slump
Skin Forming Time	15 minutes @ 75°F
Ultimate Elongation	600%
Joint Movement	±12.5%
Curing Time	Full cure in 14 to 20 days
Freeze/Thaw	Excellent
Tested To	ASTM E-814 (UL 1479)
*STC Value	53
Service Temperature	-20°F to 185°F
Application Temperature	40°F to 110°F

DESCRIPTION

BOSS® 814 UL Classified Intumescent Latex Firestop Sealant is a one part, elastomeric, intumescent firestop sealant that expands when exposed to fire or extreme heat, forming an insulated char. **BOSS® 814** will prevent the spread of toxic gases, smoke and fire. **BOSS® 814** is suitable for adhesion to almost any surface and remains flexible, making it ideal for both horizontal and vertical joints, subject to vibration or dynamic movement. **BOSS® 814** can be used for interior or exterior applications, and can be painted (after inspection). **BOSS® 814** has been tested to ASTM E-814 (UL 1479) and meets the criteria for fire/smoke/draft stop for BOCA - CABO - UBC - SBCCI - IRC - IBC.

FEATURES

- Interior/exterior use on virtually any surface
- Remains flexible
- VOC compliant
- Excellent freeze/thaw properties
- Safe to use and handle
- Water clean-up
- 12 month shelf life
- Apply using a standard caulk gun

HOW TO USE

Cut nozzle to desired bead size. Insert cartridge into standard caulking gun. For a smooth seal, hold at 45° angle and apply by pushing sealant ahead of nozzle. Apply at 40°F (4°C) or above. To ensure good adhesion, all surfaces should be clean and free of dust, oil, loose materials or any other substances. Make sure that **BOSS® 814** makes complete contact with the entire surface of the opening and also the surface of the penetrating items.

Always follow cartridge directions. Clean the area to be treated so that it is free of all particles and debris. For large openings, mineral wool fibers can be used as a backer to help hold the product in place until cured. Steel screen wire can be stapled in place over the material when a large opening is overhead or configured such that the material will not support its own weight during cure.

TEMPERATURE RANGE

BOSS® 814 will freeze in the cartridge at temperatures below 32°F (0°C). Therefore, store at between 40°F (4°C) and a maximum of 120°F (42°C). If freezing occurs, bring back to 40°F (4°C) prior to use. It is not recommended to frequently allow product to freeze. Once cured, **BOSS® 814** will withstand freeze/thaw cycles.

Continued...



APPLICATIONS

- Interior or exterior
- Wires and cable lines
- Pipes
- Vents
- Ducts
- Other penetrations
- Blank openings
- Gaps and cracks
- Interior voids

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SPECIFICATIONS

Meets ASTM E-814 (UL 1479), standard test method for fire tests of through penetration firestops. Conforms to BOCA National Building Code (1996), CABO one and two family dwelling code (1995), Uniform Building Code (1997), Section 796, Fire Block and Draft Stop. BOCA-SBCCICBO- NFPA Building Codes.

CAUTION

Keep from freezing.

Do not take internally.

KEEP OUT OF REACH OF CHILDREN.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

CONTAINS: Acrylic Latex (CAS Proprietary); Aluminum Trihydrate (CAS# 21645-51-2); Polyphosphate (CAS# 6833-79-9); Benzoate Esters (CAS# 27138-31-4 & 120-55-8); Starch (CAS# 9005-25-8).

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 814** has a shelf life of 12 months from date of shipment. In countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

TECHNICAL DATA SHEET

COLORS

- Red

PACKAGING

- 10.1 oz. Cartridge
- 29 oz. Cartridge
- 20 oz. Sausage
- 4.5 Gallon Pail

Limited Warranty: Buyer assumes all risks of use, handling and storage of product not in strict accordance with label directions. Liability for any incidental or consequential damage or loss is specifically excluded at all times. Any implied warranty of merchantability or fitness for particular use is excluded. Seller will not accept liability for more than product replacement.



Soudal Accumetric

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