



## BOSS<sup>®</sup> 814 Intumescent Latex Firestop Sealant

### TYPICAL PROPERTIES

Color .....	Red
Specific Gravity .....	1.42
Consistency (ASTM C639-5) .....	Non Slump
Skin Forming Time .....	15 minutes @ 75°F
Ultimate Elongation .....	600%
Joint Movement .....	±12.5%
Application Temperature .....	40°F to 120°F
Curing Time .....	Full cure in 14 to 20 days
Freeze/Thaw .....	Excellent
Tested To .....	ASTM E-814 (UL 1479)
*STC Value .....	53

\* Application per ASTM C919

\*Information on this data sheet is subject to change without notice and should not be used for writing specifications. For additional information on specific applications, contact Accumetric, LLC



### DESCRIPTION

**BOSS<sup>®</sup> 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<sup>®</sup> 814** will prevent the spread of toxic gases, smoke and fire. **BOSS<sup>®</sup> 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<sup>®</sup> 814** can be used for interior or exterior applications, and can be painted (after inspection). **BOSS<sup>®</sup> 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.

### 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.

## PACKAGING

**BOSS® 814** Intumescent Latex Firestop Sealant is available in standard caulking cartridges, 28 Fl. Oz. cartridges, 20 Oz. sausages and 5 gallon pails.

Nonreactive VOC 8.3 g/l (<1.5% wt)

## CAUTION

- Keep from freezing
- Do not take internally
- Keep out of reach of children

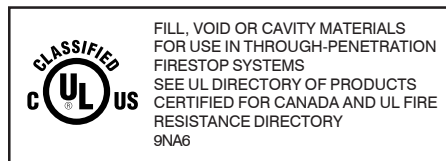
For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

## 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).

## 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-SBCCI-ICBO-NFPA Building Codes.



## COLOR

**BOSS® 814** Intumescent Latex Firestop Sealant is red in color for ease of inspection.

## 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.

**Non-warranty:** Because the storage, handling and application of the material is beyond Accumetric's control, we can accept no liability for the results obtained. Accumetric's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Accumetric will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

## BOSS® PRODUCTS

Accumetric, LLC  
350 Ring Road  
Elizabethtown,  
Kentucky 42701 USA  
800-928-BOSS(2677)  
TEL (270)769-3385  
FAX (270)765-2412  
Outside U.S.  
TEL +1(270)769-3385  
FAX +1(270)765-2412

Accumetric Asia Pacific, LTD  
18 Kitpanit Bldg, 5th Floor  
#502 Patpong Road  
Suriyawong, Bangkok  
Bangkok, 10500 Thailand  
TEL (662)634-3060  
FAX (662)634-3066

[www.bossproducts.com](http://www.bossproducts.com)