

# BOSS<sup>®</sup> 813 Expanding Firestop Foam

### TECHNICAL & PERFORMANCE DATA

Flammability Class .....	B1 according to DIN 4102, part 1
Tack Free Time - depending on temperature & humidity .....	5-10 minutes
Yield/24 oz. can .....	28.3 liters freely formed
Yield/12 oz. can .....	14 liters freely formed
Cut Time - depending on temperature & humidity .....	(1.2" Dia.) 15-20 minutes
Hardening Time - depending on temperature & humidity .....	5-12 hours
Elongation at break .....	15-20%
Water Absorption .....	Max. 2% Vol.
Tensile Strength .....	0,071 - 0,076 MPa
Service Temperature .....	-40°F to 200°F
Application Temperature .....	40°F to 115°F

\*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



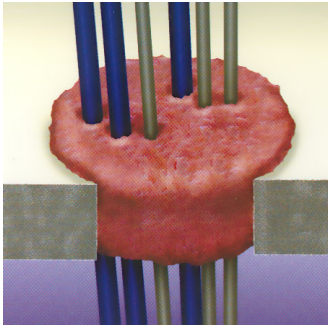
### DESCRIPTION

**BOSS<sup>®</sup> 813** can be used on any commercial or residential construction where the code calls for a UL system for penetration of wires, cables and metal pipes through drywall, concrete or wood. (Please consult the UL directory for a full list of approved systems). **BOSS<sup>®</sup> 813** can also be used as a fireblock/draftstop in non-fire rated construction. **BOSS<sup>®</sup> 813** prevents the spread of fire, smoke and toxic gasses from one compartment to another, while still maintaining the integrity of the Firewall. **BOSS<sup>®</sup> 813** has excellent insulation and acoustic properties, and is also paintable (after inspection).

**BOSS<sup>®</sup> 813** meets or exceeds all building codes including the new International Building Code. **BOSS<sup>®</sup> 813** has been tested as a Through Penetration Firestop for 1 & 2 hour fire rated construction and is listed to UL 1479 (ASTM E-814) **BOSS<sup>®</sup> 813** must be installed as tested to achieve a 1 or 2 hour rating. Visit [www.bossproducts.com](http://www.bossproducts.com) for a "Complete Firestop Systems Guide" and view the systems as they were tested for proper installation.

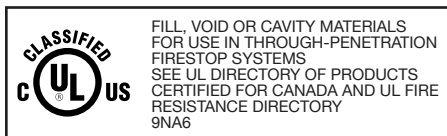
### FEATURES

- Foam only UL Systems available
- Will adhere to almost any substrate
- Installed in seconds, reducing labor costs by up to 90%
- Ideal for hotels, hospitals, prisons, condominiums, single and two family homes
- Paintable
- Can be used on vertical or horizontal applications
- Excellent acoustic and thermal insulation
- Unaffected by moisture or humidity after curing
- VOC Compliant / CFC Free
- Triple expanding



## SPECIFICATIONS

Listed to **UL 1479 (ASTM E-814)**, standard test method for fire tests of through penetration firestops for surface burning of building materials. Flame Spread – 10 Smoke Developed – 35. Conforms to ALL building codes as well as the new International Residential Building Code. Tested to UL 723 (ASTM E-84)



## HOW TO USE

- Ensure surfaces are clean and free of dust, loose particles and grease.
- As **BOSS® 813** cures by moisture absorption, ensure that the surfaces are moistened with water prior to application. This can be best achieved using a hand sprayer with clean fresh water.
- Shake can thoroughly 15-20 times and then turn the can upside down prior to pressing the trigger.
- The foam should be applied into gaps and openings from the bottom first, working up as each layer is allowed to part cure (for large openings). For small openings spray around the opening, as the foam will expand very quickly and fill the space.
- If the atmosphere is very dry, a light water spray will speed up the curing process.
- Dries tack-free within 5 minutes and cures within 5-12 hours (depending on thickness and depth of the foam).
- If applicable, apply sealant on foam after foam has cured. Cured foam can be cut and sanded.

## CLEAN UP

Uncured sealant can be easily removed using **BOSS® 335** or a solvent such as alcohol or acetone. For an environmental and health friendlier choice use **BOSS® Biggie Wipes**. If the sealant is cured it must be removed mechanically by cutting and scraping.

## COLOR

**BOSS® 813** Expanding Firestop Foam is salmon red/pink in color.

## PACKAGING

**BOSS® 813** Expanding Firestop Foam is available in 12 Oz. and 24 Oz. cans.

## SHIPPING LIMITATIONS

Ground shipments only. Cannot ship by air.  
Reactive VOC 23.6 g/l (<2% wt)

## STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 813** 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.

## CAUTION

**CONTAINER MAY EXPLODE IF HEATED. EXTREME DANGER. CONTENTS MAY CATCH FIRE.** Do not puncture or burn. Store away from heat. Do not smoke. Use only in a well ventilated area. Keep away

from flames, such as pilot light and any object that sparks, such as an electric motor. May irritate skin and eyes. May cause allergic skin or respiratory reaction. **FIRST AID TREATMENT:** Contains polymeric isocyanate prepolymer and hydrofluorocarbon propellant. If in eyes, rinse well with water. If breathed in, move person into fresh air. If breathing is difficult, consult a physician. If swallowed, call a Poison Control Center immediately. **KEEP OUT OF REACH OF CHILDREN.** For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

## 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.

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