

# BOSS® 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
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%
Temperature Resistance .....	-40°F to 210°F
Application Temperature .....	41°F (surfaces), 68°F-77°F (can)
Water Absorption .....	Max. 2% Vol.
Tensile Strength .....	0,071 - 0,076 MPa

\*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

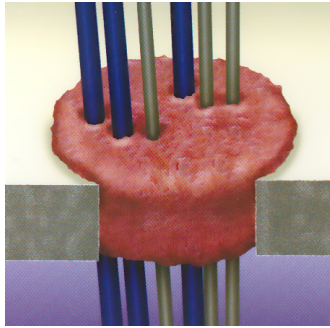


### DESCRIPTION

**BOSS® 813** Expanding Firestop Foam is the FIRST Firestopping Foam on the market today that is UL Certified and has passed the strict ASTM E-814 and UL 1479 testing procedures. By passing ASTM-E-814 **BOSS® 813** can be used on any commercial or residential construction where the code calls for a UL system for penetration of cables, etc. through drywall, concrete or wood. (Please consult the UL directory for a full list of approved systems). **BOSS® 813** prevents the spread of fire, smoke and toxic gasses from one compartment to another, while still maintaining the integrity of the Firewall. **BOSS® 813** has excellent insulation and acoustic properties, and is also paintable (after inspection). **BOSS® 813** meets or exceeds all building codes including the new International Building Code. **BOSS® 813** has been tested to ASTM E-814 , UL 1479 and ASTM E-84. Classified for 1 and 2 hour assemblies.

### FEATURES

- 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
- CFC Free



## 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).
- Cured foam can be cut and sanded after curing.

## COLOR

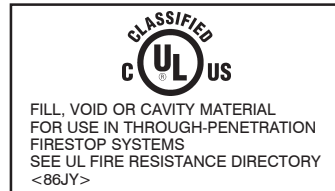
**BOSS® 813** Expanding Firestop Foam is salmon red/pink in color.

## PACKAGING

**BOSS® 813** Expanding Firestop Foam is available in 24 Oz. cans, which are packaged 12 cans to a case.

## SPECIFICATIONS

Meets **ASTM E-814 (UL 1479)**, standard test method for fire tests of through penetration firestops. Passed as a Class 1 in a **ASTM E-84** for surface burning of building materials. Conforms to ALL building codes as well as the new International Residential Building Code.  
Flame Spread – 10  
Smoke Developed – 35



## STORAGE AND SHELF LIFE

**BOSS® 813** should be stored where the temperature is between +50°F to 68°F. High temperatures can shorten the storage life. Shelf life is 12 months from date of shipment. Containers should be stored in an upright vertical position. Ensure stock is rotated at all times.

## 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.** Refer to Material Safety Data Sheet.

## 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.

The supplier warrants only that its products will meet its specifications. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. The users exclusive remedy and the suppliers sole liability is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind.

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

MADE IN U.S.A.

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