

BOSS® 812 Draft/Smoke Stop Foam

TYPICAL PROPERTIES

ASTM D-1622	
Density	1.25 lbs./ft ³
Theoretical Yield	1/2" bead=880 ft.
ASTM C-518	
Thermal Conductivity	0.22 - 0.26 Btu-in/hr-F-ft ²
ASTM C-518	
R Value	3.8 - 4.5 hr-F-ft ² /Btu
Tack Free (1" bead)	10 minutes (73°F & 50% RH)
Can Be Cut (1" bead)	90 minutes (73°F & 50% RH)
Fully Cured (1" bead)	24 hours (73°F & 50% RH)
ASTM E-84-04 UL 723	
Fire Testing	Flame Spread-15, Smoke Developed-15
DIN 53429	
Water Absorption	1%
IN HOUSE TESTING	
Temperature Resistance	40°F up to 194°F (long term) 40°F up to 266°F (short term)
VOC	1.494#/gal, 179g/liter

*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



FEATURES

- Will adhere to almost any substrate
- Can be used to seal around copper, PVC pipes and conduits. In addition to large spaces left after the installation of waste water pipes, ducting etc.
- Prevents the spread of smoke and toxic gasses
- Installed in seconds, reducing labor costs by up to 90%
- Ideal for single and two family homes
- Paintable (after inspection)
- Can be used on vertical or horizontal applications
- Excellent acoustic and thermal insulation
- Unaffected by moisture or humidity after curing
- CFC Free
- Very cost effective
- Reduces energy costs
- Prevents intrusion of insects and pests

DESCRIPTION

BOSS® 812 Draft/Smoke Stop Foam prevents the spread of smoke and toxic gasses from one compartment to another, thereby slowing down the spread of fire, due to lack of air to fuel the flames.

BOSS® 812 has excellent insulation and acoustic properties, and is also paintable (after inspection).

BOSS® 812 has been tested to ASTM E-84 and is classified as Class A.

HOW TO USE

- Ensure surfaces are clean and free of dust, loose particles and grease.
- As **BOSS® 812** 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 1 hour (depending on thickness and depth of the foam).
- Cured foam can be cut and sanded after curing.

COLOR

BOSS® 812 Draft/Smoke Stop Foam is salmon red/pink in color.

PACKAGING

BOSS® 812 Draft/Smoke Stop Foam is available in 24 Oz. cans, which are packaged 12 cans to a case.

SPECIFICATIONS

Meets ASTM E84-04 and UL 723 regarding caulk and sealants surface burning characteristics applied to inorganic cement board.

Flame Spread.15
Smoke Developed.15

STORAGE AND SHELF LIFE

BOSS® 812 should be stored where the ambient temperature will not exceed 130°F or drop below 40°F. 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.

DANGER!

Extremely flammable. **Contents under pressure.** Do not smoke while using nor use near open flame. Container may explode if heated in any manner. Store can at temperatures below 120°F. Do not puncture or incinerate. Vapors may cause flash fire. Do not expose to direct sunlight or store in enclosed vehicle. Foam is combustible. Do not expose to flame or high heat.

EYE IRRITANT. May irritate or cause allergic reaction to skin. Inhalation of vapor may result in respiratory allergies including asthma. Persons with known isocyanate allergies should avoid any skin or respiratory contact with product ingredients. Use with adequate ventilation or suitable respiratory protective equipment. Wear protective clothing to avoid skin contact. Wear eye protection.

FIRST AID: Inhalation - move immediately to fresh air. **Eye contact** - flush eyes immediately for 15 minutes. **Skin contact** - wash affected area immediately with plenty of soap and water. Get medical assistance in all cases (show label when possible). For further health and safety information consult the current Material Safety Data Sheet available from **BOSS® Products** at 800-928-2677.

KEEP OUT OF REACH OF CHILDREN.

CONTAINS: Diphenylmethanedisocyanate, Polyol and Butane/Propane.

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.

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, Bangrak
Bangkok, 10500 Thailand
TEL (662)634-3060
FAX (662)634-3066

www.bossproducts.com