

Fireblock Foam

TYPICAL PROPERTIES

ASTM D-1622 - Density	1.25 lbs./ft ³
Theoretical Yield	11 gallons freely foamed
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
ASTM C-518 - Tack Free (1" bead)	10 minutes (73°F & 50% RH)
ASTM C-518 - Can Be Cut (1" bead)	90 minutes (73°F & 50% RH)
ASTM C-518 - Fully Cured (1" bead)	24 hours (73°F & 50% RH)
ASTM E-84-04 UL 723 - Fire Testing	Flame Spread-15 Smoke Developed-35
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)
In-House Testing - Service Temperature	-40°F to 200°F
In-House Testing - Application Temperature	40°F to 115°F

DESCRIPTION

BOSS® 812 Fire Block 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 UL 723.

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

HOW TO USE

Surfaces must be clean and free of grease, oil and dust. For best results spray mist into cavity prior to applying foam. Screw the can firmly onto the gun. Do not overtighten. Fill cavities roughly 65% as foam will slightly expand. Do not overfill. During application hold gun so that the can is **UPSIDE DOWN**. For best results, use in temperatures between 41°F to 86°F.

SPECIFICATIONS

- ASTM E84
- UL 723
- NFPA 255 Class A

Continued...



APPLICATIONS

- Filling of cavities
- Sealing of all openings in roof construction
- Creation of a soundproof screen
- Installing, mounting and sealing of window and door frames
- Connecting of insulating materials and roof construction
- Application of a soundproofing layer on motors
- Improving thermal isolation in cooling systems

Scan the QR Code to see the full line of **BOSS® PRO** Products!



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® 893 Biggie Wipes. If the sealant is cured it must be removed mechanically by cutting and scraping.

SHIPPING LIMITATIONS

Ground shipments only. Cannot ship by air. | Reactive VOC 211 g/l (22% wt.)

CAUTION

EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. Turn off all pilot lights, electrical igniters, burners and other sources of ignition or heat during use. Do not smoke, use matches or lighters while dispensing foam. Do not expose to direct sunlight, high heat or store in enclosed vehicle. Avoid breathing vapor/spray. Use only outdoors or in a well ventilated area with appropriate breathing apparatus. Avoid contact with skin and eyes. Wearing eyewear and gloves is recommended. Do not incinerate or puncture can. Store at temperatures below 120°F.

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.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 812** 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.

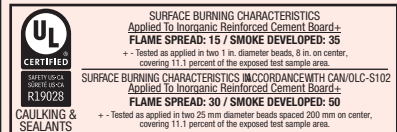
TECHNICAL DATA SHEET

COLORS

- Orange

PACKAGING

- 12 oz. Straw Can
- 20 oz. Genius Can
- 24 oz. Gun Grade Can



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

Soudal Accumetric

MADE IN BELGIUM

350 Ring Road
Elizabethtown, KY 42701
800-928-BOSS(2677)
270-769-3385
FAX 270-765-2412
www.bossproducts.com

BOSS is a registered trademark of Soudal

Fireblock Foam

TYPICAL PROPERTIES

ASTM D-1622 - Density	1.25 lbs./ft ³
Theoretical Yield	20.8 liters freely foamed
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
ASTM C-518 - Tack Free (1" bead)	10 minutes (73°F & 50% RH)
ASTM C-518 - Can Be Cut (1" bead)	90 minutes (73°F & 50% RH)
ASTM C-518 - Fully Cured (1" bead)	24 hours (73°F & 50% RH)
ASTM E-84-04 UL 723 - Fire Testing	Flame Spread-10 Smoke Developed-30
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)
In-House Testing - Service Temperature	-40°F to 200°F
In-House Testing - Application Temperature	40°F to 115°F

DESCRIPTION

BOSS® 812 Fire Block 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 UL 723.

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

HOW TO USE

Shake can before and during 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. Foam can be dispensed at any angle, however upside down dispensing is most efficient means of delivery. 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.

SPECIFICATIONS

- ASTM E84
- UL 723
- NFPA 255 Class A

Continued...



APPLICATIONS

- Installing of window and door frames
- Filling of cavities
- Sealing of all openings in roof construction
- Creation of a soundproof screen
- Mounting and sealing of window and door frames
- Connecting of insulating materials and roof construction
- Application of a soundproofing layer on motors
- Improving thermal isolation in cooling systems
- MANY MORE...

Scan the QR Code to see the full line of **BOSS® PRO** Products!



BOSS® 812 Straw Foam



BOSS® PRO

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® 893 Biggie Wipes. If the sealant is cured it must be removed mechanically by cutting and scraping.

SHIPPING LIMITATIONS

Ground shipments only. Cannot ship by air. | Reactive VOC 211 g/l (22% wt.)

CAUTION

EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. Turn off all pilot lights, electrical igniters, burners and other sources of ignition or heat during use. Do not smoke, use matches or lighters while dispensing foam. Do not expose to direct sunlight, high heat or store in enclosed vehicle. Avoid breathing vapor/spray. Use only outdoors or in a well ventilated area with appropriate breathing apparatus. Avoid contact with skin and eyes. Wearing eyewear and gloves is recommended. Do not incinerate or puncture can. Store at temperatures below 120°F.

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.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 812** 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.

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TECHNICAL DATA SHEET

COLORS

- Orange

PACKAGING

- 12 oz. Straw Can
- 20 oz. Genius Can
- 24 oz. Gun Grade Can



SURFACE BURNING CHARACTERISTICS
Applied To Inorganic Reinforced Cement Board±
FLAME SPREAD: 15 / SMOKE DEVELOPED: 35
± - Tested as applied in two 1 in. diameter beads, 8 in. on center, covering 11.1 percent of the exposed test sample area.

SURFACE BURNING CHARACTERISTICS ACCORDANCE WITH CAN/ULC-S102
Applied To Inorganic Reinforced Cement Board±
FLAME SPREAD: 30 / SMOKE DEVELOPED: 50
± - Tested as applied in two 25 mm diameter beads spaced 200 mm on center, covering 11.1 percent of the exposed test sample area.

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SODAL

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Fireblock Foam

TYPICAL PROPERTIES

ASTM D-1622 - Density	1.25 lbs./ft ³
Theoretical Yield	6.1 gallons freely foamed
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
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ASTM C-518 - Fully Cured (1" bead)	24 hours (73°F & 50% RH)
ASTM E-84-04 UL 723 - Fire Testing	Flame Spread-15 Smoke Developed-35
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)
In-House Testing - Service Temperature	-40°F to 200°F
In-House Testing - Application Temperature	40°F to 115°F

DESCRIPTION

BOSS® 812 Genius Gun® Fire Block 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 UL 723.

Patent No. 10,106,309,B2

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

HOW TO USE

Surfaces must be clean and free of grease, oil and dust. For best results spray mist into cavity prior to applying foam. Screw the can firmly onto the gun. Do not overtighten. Fill cavities roughly 65% as foam will slightly expand. Do not overfill. During application hold gun so that the can is **UPSIDE DOWN**. For best results, use in temperatures between 41°F to 86°F.

SPECIFICATIONS

- ASTM E84
- UL 723
- NFPA 255 Class A

Continued...



APPLICATIONS

- Filling of cavities
- Sealing of all openings in roof construction
- Creation of a soundproof screen
- Installing, mounting and sealing of window and door frames
- Connecting of insulating materials and roof construction
- Application of a soundproofing layer on motors
- Improving thermal isolation in cooling systems

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CLEAN UP

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SHIPPING LIMITATIONS

Ground shipments only. Cannot ship by air. | Reactive VOC 211 g/l (22% wt.)

CAUTION

EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. Turn off all pilot lights, electrical igniters, burners and other sources of ignition or heat during use. Do not smoke, use matches or lighters while dispensing foam. Do not expose to direct sunlight, high heat or store in enclosed vehicle. Avoid breathing vapor/spray. Use only outdoors or in a well ventilated area with appropriate breathing apparatus. Avoid contact with skin and eyes. Wearing eyewear and gloves is recommended. Do not incinerate or puncture can. Store at temperatures below 120°F.

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KEEP OUT OF REACH OF CHILDREN.

CONTAINS: Diphenylmethanedisocyanate, Polyol and Butane/Propane.

STORAGE AND SHELF LIFE

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TECHNICAL DATA SHEET

COLORS

- Orange

PACKAGING

- 12 oz. Straw Can
- 20 oz. Genius Can
- 24 oz. Gun Grade Can



SURFACE BURNING CHARACTERISTICS
Applied To Inorganic Reinforced Cement Board+
FLAME SPREAD: 15
SMOKE DEVELOPED: 35
+ - Tested as applied in two 1 in. diameter beads, 8 in. on center, covering 11.1 percent of the exposed test sample area.

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.

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