

BOSS[®] 136 Fireblock Draftstop Sealant

TYPICAL PROPERTIES

Color.....	Red
Specific Gravity	1.90
Consistency.....	Thick gunable paste
Working Time.....	18 minutes
Flexibility.....	None
Tack Free Time: ASTM D-2377-84	<25 minutes
Tested To	ASTM E-136
Service Temperature.....	0°F to 800°F
Application Temperature	40°F to 110°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 Soudal.



DESCRIPTION

BOSS[®] 136 Fireblock Draftstop Sealant is a single component sealant and is a noncombustible filler caulking used for fireblocking applications in the annular space around wires, pipes, ducts, vents, cable lines and other penetrations to the building envelope. It is a non-slumping sealant that sets to form a hard surface. **BOSS[®] 136** can be applied to any gap or penetration where the specification is noncombustible and/or ASTM-E136 rated. **BOSS[®] 136** is to be used for interior applications only.

The noncombustible specification is common to one and two family construction and to non-rated penetrations in multi family and commercial construction. **BOSS[®] 136** is colored red for ease of inspection. In the event of a fire **BOSS[®] 136** will prevent the spread of fire, smoke and toxic gases through penetration openings.

BOSS[®] 136 has been tested and meets the American Society for Testing Materials E-136. To pass this test a material must withstand 1,400 degrees Fahrenheit without exhibiting signs of flaming after the first thirty seconds in the test apparatus. **BOSS[®] 136** serves to form a “gasket or seal against air infiltration” as required by the Model Energy Code in both the performance and prescriptive versions.

BOSS[®] 136 Applicable Standards include:

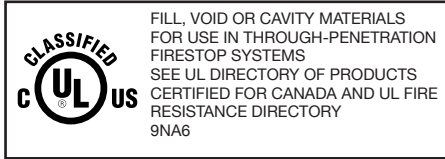
- UBC page 1-387, 1997 edition.
- CABO Section 602.7 item 4, 1995 edition
- BOCA (NBC) 704.4.1.1 1996
- ASTM E-136

FEATURES

- **BOSS[®] 136** is completely nontoxic and contains no asbestos or PCBs.
- **Noncombustible**
- **Applied with a conventional caulking gun**
- **Easily applied sealant with water clean up capabilities**
- **General Purpose fire block/smoke seal caulk**
- **Single component system, no mixing necessary and no additions required**
- **Meets residential construction code approvals including I.R.C.**
- **For interior applications only**
- **Excellent adhesion to a wide variety of substrate material**

SPECIFICATIONS

Meets **ASTM E-136**. Conforms to IBC/IRC, 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. Consult your local code official for the proper use of product.



ALSO CLASSIFIED IN ACCORDANCE WITH ASTM E 136-96a, "Standard test method for the behavior of materials in a vertical tube furnace at 750°C."

HOW TO USE

- Cut tip off cartridge just above threads. Screw on nozzle and cut on 45° angle 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.
- To ensure good adhesion, all surfaces should be clean and free of dust, oil, loose materials or any other substances.
- Make sure that **BOSS® 136** 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.

CLEAN UP

Uncured sealant can be easily removed using water or BOSS® Biggie Wipes. If the sealant is cured it must be removed mechanically by cutting and scraping.

CONTAINS

Sodium Silicate CAS# 1344-09-8.

TEMPERATURE RANGE

BOSS® 136 freezes in the cartridge at temperatures below 32°F. The product can be warmed and applied at any temperature but will not cure below 40°F. Freeze thaw cycles do not alter the cured product. Cure time may exceed 72 hours at non-freezing temperature.

COLOR

BOSS® 136 Fireblock Draftstop Sealant is red in color for ease of inspection.

PACKAGING

BOSS® 136 Fireblock Draftstop Sealant is available in standard caulking cartridges, 28 Fl. Oz. cartridges and 5 gallon pails.

SHIPPING LIMITATIONS

None.

Nonreactive VOC 0.0 g/l (<1.5% wt)

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 136** 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

DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE AND THROAT. Avoid eye and skin contact. Use only outdoors or in a well ventilated area. Do not handle contact lenses with sealant on hands. IN CASE OF EYE CONTACT, flush

eyes with water for 15 minutes. Obtain medical attention. IN CASE OF SKIN CONTACT, remove from skin and flush with water. KEEP OUT OF REACH OF CHILDREN. For safe handling information on this product, consult the Safety Data Sheet (SDS).

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 Soudal's control, we can accept no liability for the results obtained. Soudal'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. Soudal 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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