BOSS® PRODUCTS

ISO CERTIFIED

TECHNICAL DATA SHEET

BOSS® 333 Polyurethane Expanding Foam

TYPICAL PROPERTIES

ASTM D-1622
Density .....1.25 lbs./ft³

IN HOUSE METHOD
Yield/12 Oz. Can .....14.4 liters freely foamed
Yield/24 Oz. Can .....41.6 liters freely foamed

ASTM C-518
Thermal Conductivity..... 0.22 - 0.26 Btu-in/hr-F-ft²

ASTM C-518
R Value ..... 3.8 - 4.5 hr-F-ft²/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-10, Smoke Developed-30

DIN 53429
Water Absorption 1%
Service Temperature.....-40°F - 200°F
Application Temperature.....40°F - 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 Soudal Accumetric



U.S. GREEN BUILDING COUNCIL MEMBER

DESCRIPTION

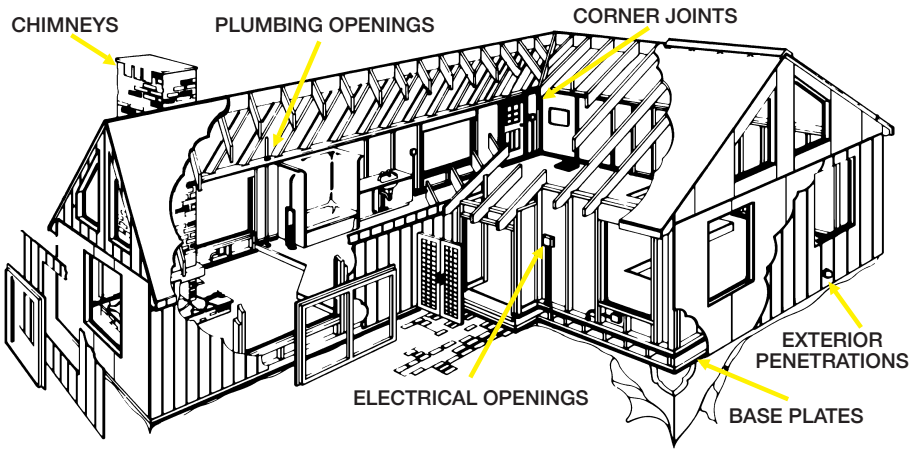
BOSS® 333 is a ready-to-use, multi-purpose, polyurethane foam that expands to three times its original volume on contact with air. The expanding action fills holes, cracks and gaps more completely than standard caulks. **BOSS® 333** has excellent insulating properties and superb adhesion to virtually all building materials.

USES

- **Air sealing**
- **Partition walls with ceilings**
- **Through penetrations around cables and pipes**
- **Seams between chimneys, roof protection, roof panels and wall panels**

FEATURES

- **Meets CA-25-4**
- **UL Classified, Tested to ASTM E-84**
- **Triple Expanding**
- **Weatherproofs against wind and moisture**
- **Fills gaps, cracks and holes**
- **Seals out insects and pests**
- **Can be sanded, painted and stained**
- **Complies with EPA Method 24 and California Air Resource Board Method 310**
- **VOC Compliant**



HOW TO USE

Shake can before and during use. Surfaces must be clean and free of grease and oil. Can must be held **UPSIDE DOWN** during application. Insert straw into void and depress the trigger. Fill void 50% full to allow for expansion. For best results, use in temperatures between 60°F to 90°F and spray mist into cavity prior to applying foam.

DANGER!

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 in adequately ventilated areas with appropriate breathing apparatus. Avoid contact with skin and eyes. Wearing eyewear and gloves is recom-mended. 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 Safety Data Sheet (SDS) available from **BOSS® Products** at 800-928-2677.

KEEP OUT OF REACH OF CHILDREN.

CONTAINS: Diphenylmethanedisocyanate, Polyol and Butane/Propane.

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.

SPECIFICATIONS

BOSS® 333 Polyurethane Expanding Foam meets CA-25-4, complies with EPA Method 24 and California Air Resource Board Method 310 and is UL Classified.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 333** 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.

PACKAGING

BOSS® 333 Polyurethane Expanding Foam is available in 12 oz., 20 oz. and 24 oz. cans.

SHIPPING LIMITATIONS

Ground shipments only. Cannot ship by air.

Reactive VOC 155 g/l (15% wt)

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.

BOSS® PRODUCTS
Soudal Accumetric
350 Ring Road / Elizabethtown, KY 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
www.bossproducts.com

BOSS is a registered trademark of Soudal Accumetric