

## BOSS<sup>®</sup> 337 Construction Adhesive Foam Gun Grade

### TYPICAL PROPERTIES

Density.....	1.56 lbs./ft <sup>3</sup>
Thermal Conductivity .....	0.22 - 0.26 Btu-in/hr-F-ft <sup>2</sup>
R Value .....	3.8 - 4.8 per inch
Tack Free (1" bead).....	8 minutes (68°F & 65% RH)
Fully Cured (1" bead).....	12 hours (68°F & 65% RH)
Cutttable (1" bead) .....	1 hour (68°F & 65% RH)
Tensile Strength.....	15 psi
Shear Strength .....	7 psi
Elongation .....	20%
Yield/24 Oz. Can .....	8 gallons freely foamed
Theoretical Yield - 24 oz. 1/4" bead .....	4300 ft.
24 oz. 1/2" bead .....	1080 ft.
VOC.....	166 gr./liter
Service Temperature.....	-40°F to 200°F
Application Temperature .....	40°F to 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.



### DESCRIPTION

**BOSS<sup>®</sup> 337** Construction Adhesive Foam Gun Grade is a ready-to-use, single component, self-expanding polyurethane adhesive for clean, efficient and economical permanent bonding of insulation panels and plasterboard in building and construction.

### USES

- Clean, efficient and economical permanent bonding of insulation panels.
- Suitable for bonding polystyrene (EPS + XPS), polyurethane (PUR/PIR) and phenol resin foam based insulation panels for flat roofs, perimeters, facades, insulation/drain elements, cellar ceilings, internal insulation, etc.
- Suitable for bonding gypsum plasterboard/gypsum fiberboard in dry lining applications.
- Suitable for bonding non-load bearing walls, e.g. partition walls, screen walls, cellar bars, stone shelves, etc., of concrete precision blocks (aerated concrete, sand-lime brick, gypsum...).
- Fills cavities between individual thermal insulation panels.



### FEATURES

- Cuts working time by up to 30 %.
- Excellent initial bond, even at low temperatures.
- Economical in use due to precise application.
- One can covers up to 140 ft<sup>2</sup> of insulation.
- Suitable for vertical applications.
- Can be applied at temperatures between +23 °F and +95 °F.
- Thermal conductivity 0.035 W/m.K enhances performance of insulation panels when filling gaps.
- Remains flexible, does not become brittle.
- Levels uneven surfaces.
- Limited post expansion for fast and precise installation of insulation panels and plasterboard.
- Substantial space and weight savings compared to conventional PU roof adhesives, bonding mortars, etc.
- Fast curing, work can continue about 1 hour after application.
- Solvent-free.
- Resistant to a variety of solvents, paints and chemicals.
- Does not age or rot, mold and mildew resistant, but not UV resistant.
- Water resistant (not watertight).
- Tested according to ASTM E 84

## HOW TO USE

**BOSS® 337** may be applied to all substrates except PE, PP, PTFE and silicone. Apply to surfaces that are clean and free of dust and grease. Moistening of the surfaces improves adhesion, curing and denser cellular structure. **Shake can well before use**, attach foam gun and adjust screw. For best results, use in temperatures between 60°F and 100°F and at relative humidity of 40%. Clean with **BOSS® 335** Gun and Foam Cleaner before curing.

## 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 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. **KEEP OUT OF REACH OF CHILDREN.** For safe handling information on this product, consult the Safety Data Sheet (SDS).

**FIRST AID:** In case of eye contact, flush immediately with water for 15 minutes and get medical help. If inhalation causes physical discomfort, move to fresh air. If discomfort persists or any breathing difficulty occurs, get medical help. If swallowed, drink large quantities of water. **DO NOT** induce vomiting. **GET PHYSICIAN ASSISTANCE IN ALL CASES.** Cured foam is not harmful to health.

## CONTAINS

Polymethylenepolyphenylisocyanate, Dimethylether, Isobutane and Propane.

## SPECIFICATIONS

ASTM E-84 UL 723

Flame Spread 15  
Smoke Developed 35

## 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.

## PACKAGING

**BOSS® 337** Construction Adhesive Foam Gun Grade is available in 24 oz. cans.

## SHIPPING LIMITATIONS

Ground shipments only. Cannot ship by air.  
Reactive VOC 166 g/l (17% wt)

## STORAGE AND SHELF LIFE

When stored upright in a dry environment at or below 70°F (21°C), **BOSS® 334** 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 cap 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.

**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.

## **BOSS® PRODUCTS**

**Soudal**

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](http://www.bossproducts.com)