



## Technical Data Sheet

Date: 7 September 2011



# BOSTIK EXPANDA FOAM

## MULTI PURPOSE PU FOAM

### DESCRIPTION

Bostik Expanda Foam is a rapid expanding and self crosslinking urethane foam. It is easy to dispense and install through the straw adapter included with each can and will expand to fill gaps of all dimensions in the most difficult locations. It will greatly reduce noise, dust and draughts and will block access by rodents.

### RECOMMENDED USES

Expanda Foam is a great insulator against heat and cold. The foam has powerful adhesive properties, bonding well to timber, brick, concrete, galvanised steel, aluminium, glass, fibre cement sheet and plasterboard. Expanda Foam will not shrink and cures to an airtight, moisture resistant seal. The cured foam can be cut, sanded and painted to a neat finish.

### FEATURES AND BENEFITS

- Pest and vermin proof
- Ozone Safe
- Exterior or interior use
- Fills large or small gaps
- Seals, fills, bond, insulates
- Can be cut, sanded, plastered or painted

### HEALTH & SAFETY

Harmful by inhalation, irritating to skin, respiratory system and eyes. May cause sensitisation by skin contact. Avoid contact with skin and eyes and avoid breathing vapour. After contact with skin, wash immediately with plenty of soapsuds. In case of insufficient ventilation, wear suitable respiratory equipment. Refer to Material Safety Data Sheet for further information.

#### First Aid

If case of accident or if you feel unwell, seek medical advice immediately (show label where ever possible). If poisoning occurs, contact a doctor or Poisons Information Centre 0800 POISON or CHEM CALL 0800 243 622.

- If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

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*This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that cannot be excluded by legislation, for example under the Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit [www.bostik.co.nz](http://www.bostik.co.nz)*

- Transfer patient to fresh air if affected by vapours. On skin contact, uncured sealant may cause irritation. Gloves and protective goggles are recommended during application and use.

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## PROPERTIES

Appearance:	Beige Coloured Foam
Tack Time:	10 – 20 minutes
Full Expansion:	1 hour
Final Cure Time:	12 – 24 hours
Slump:	None
Sandable	After full curing
Paintability:	Paintable when fully cured
Expansion:	Expands approx. 200% of extruded volume
Adhesion:	Good on most surfaces

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## PACKAGING

Bostik Expanda Foam is available in 340g and 586g cans with straw adapter included with each can.

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## APPLICATION

1. Substrate must be clean, firm, free of loose particles and free of dust, grease and mould release agents and similar material. Protect surfaces not to be foamed.
2. Shake can **before** using.
3. For best results in cavities larger than 75mm in diameter, dampen substrate to supplement atmospheric humidity in affecting consistent cure throughout applied foam.
4. The foam sealant flow can be metered by means of tilting the one-piece straw adapter with the valve pointing downwards. Apply pressure to applicator nozzle. Vary pressure to control flow of foam. Start at the lowest point.
5. Fill about 50% of the space and allow foam to expand. Ensure not to overfill as Bostik Expanda Foam will expand up to 200% of the extruded volume.
6. Wipe away excess foam immediately with a clean dry cloth.
7. If extruding foam onto itself, spray a mist of water on the first layer to assist curing process.
8. From time to time during use, shake the can to mix contents.
9. After 10 to 20 minutes the foam becomes tack free. After 1 hour it is fully expanded. It will be fully cured after 12 – 24 hours depending on humidity and temperature.
10. Once cured, the foam can be cut, sanded and painted to a neat finish. The foam should be coated or painted if it is exposed to sunlight.
11. If entire contents of can are not used, clean nozzle and valve thoroughly. Unscrew nozzle and flush both nozzle and valve with acetone then place a used, moistened matchstick in the valve, taking care not to activate it. Opened container must be used within four weeks.

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## STORAGE

Store in a cool, dry area. Do not expose to open flame or temperatures above 49°C. Excessive heat can cause premature aging of components resulting in a shorter shelf life. Store away from foodstuffs and incompatible materials. Store in a cool dry, well-ventilated area. Store in original containers in an approved flammable liquid storage area. Keep containers securely sealed. Dangerous Goods Class 2 must be transported in accordance with State regulations.

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## PACKAGING

### EXPANDA FOAM

Item No	Description	Units / carton
267414	Bostik Expanda Foam 350gm	12
267864	Bostik Expanda Foam 580gm	12

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## VERSION

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