



## technical data sheet

# BOSTIK EXPANDA FOAM

## Multi Purpose PU Foam

### PRODUCT

Bostik Expanda Foam is a one component, multi purpose polyurethane foam.

### DESCRIPTION

Bostik Expanda Foam 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 & 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

### PERFORMANCE 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

### PACKAGING

Bostik Expanda Foam is available in 340g and 728g cans with straw adapter included with each can.

### APPLICATION INSTRUCTIONS

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.

### P.A.T.S (Pretested Adhesion To Substrate) Programme

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information.

### HEALTH AND 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 131126.

- If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
- Transfer patient to fresh air if affected by vapours. On contact, uncured sealant causes irritation. Gloves and protective goggles must be worn during application and use.

## 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.

## EXPANDA FOAM

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

*The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik Australia Pty Ltd be liable to anyone except for replacement of the products or refund of the purchase price.*

**ALL SALES ARE EXPRESSLY LIMITED TO THE TERMS AND CONDITIONS OF SALE OF BOSTIK AUSTRALIA PTY LTD**

### FOR FURTHER INFORMATION



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