



# EXPANDA FOAM

## MULTI-PURPOSE POLYURETHANE EXPANDING FOAM

29 December 2017

### YOUR SMART ADVANTAGES

- Ozone safe
- Interior or exterior usage
- Fills large or small gaps
- Seals, fills, bonds and insulates
- Cured foam can be cut, sanded, plastered or painted to a neat finish
- Will not shrink
- Moisture resistant
- A great insulator against heat and cold
- Straw applicator for easy application at any angle
- Greatly reduces noise, dust, draughts and blocks access by rodents

### USES

- Applying a sound absorbing layer
- Applying an acoustic baffle
- Filling cavities
- Sealing of openings in roof construction
- Improving thermal insulation in cooling systems

### PRODUCT CHARACTERISTICS\*

Colour	Champagne
Skin formation	8 minutes at 20°C/60%RH
Cure rate	1 hour for 30mm bead at 20°C
Coverage	15m for 5mm bead
Density	~25 kg/m <sup>3</sup>
Product code	
750mL aerosol/12 per carton	30605417
Expanda compact gun	30605421
Expanda gun & foam cleaner	30605420
- 500ml aerosol/12 per carton	

### TYPICAL PERFORMANCE DATA (approx.)\*

Temperature resistance	-40°C to +90°C (cured)
Shear strength	17N/cm <sup>2</sup>
Box Yield (TM 1003-2010)	750mL yields 50L

Shrinkage	<5%
Post expansion	<1%
Cellular structure	~70% closed cell
Fire rating (DIN4102)	B3
Insulation Factor (DIN5612)	35mW/m.K
Compressive strength (DIN53421)	~3N/cm <sup>2</sup>
Bending strength (DIN53426)	~7N/cm <sup>2</sup>
Water absorption	~2% for uncut foam

\*these values may vary depending on environmental factors

### DIRECTIONS FOR USE

Read and understand the Material Safety Data Sheet before using this product.

### SURFACE PREPARATION

Ensure all surfaces are clean, dry and free from dust and grease. Remove all loose materials (including old filler) from the areas to be filled. Moisten surfaces with a water sprayer prior to application. This optimized expansion and adhesion.

### APPLICATION

- Shake aerosol can vigorously for at least 20 seconds.
- Screw can onto adapter of gun, taking care not to over tighten.
- Release flow adjustment screw slightly and dispense foam to fill entire application with foam.
- Fill holes and cavities to 65% as foam will expand. The foam output can be adjusted using the flow adjustment screw.
- Shake can regularly during application.
- If you need to work in layers, moisten each layer before applying the next layer.
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# BOSTIK EXPANDA FOAM

**After use:** Keep a filled can of foam attached to the gun and the gun filled with foam. Failure to do so will result in the foam curing in the gun. Tighten the flow adjustment screw to prevent accidental discharge. Store the can vertically with the gun facing upwards.

- **Replacing can:** Ensure can is empty by dispensing into a bin until no more foam is released. Vigorously shake new can for at least 20 seconds. Keep the valve opening pointing away from you. Tighten the flow adjustment screw then unscrew the empty can from the gun. Immediately replace with the new can, release the flow adjustment screw and dispense foam to fill the gun.
- **To reuse:** Holding the gun and can securely, shake for at least 20 seconds. Carefully remove dried foam from the tip of the gun. Release the flow adjustment screw and dispense foam.

## LIMITATIONS

- Expand Pro gun foam is not UV stable. If the foam is going to be left exposed to sunlight, it is recommended that the foam be painted.

## CLEANING

Fresh foam may be removed using Expanda Gun & Foam Cleaner or acetone. These cleaners may attack some PVC and coated surfaces. Test in an inconspicuous area first.

Dried foam can only be removed mechanically. If the gun is to be left unused for a period of time, clean it with Expanda Gun & Foam Cleaner. Ensure can is empty by dispensing into a bin until no more foam is released. Keep the valve opening pointing away from you. Tighten the flow adjustment screw then unscrew the empty can from the gun. Immediately screw on the can of Expanda Gun & Foam Cleaner. Release the flow adjustment screw and pull the gun trigger to fill the gun with cleaner. Leave to stand for 5 minutes to dissolve buildup in the gun. Pull gun trigger and flush gun until the liquid is clear. Keep the valve opening pointing away from you. Tighten the flow adjustment screw then unscrew the cleaner can from the gun. When re-using gun, flush to remove residue cleaner from gun before starting with filling.

## STORAGE AND SHELF LIFE

Always store vertically before and after use with the valve pointed upward or the foam may clog the valve. Store between 5 and 25°C, ventilate if above 25°C.

Do not store above 35°C. Do not leave in trunk of car, inside car or anywhere in full sunlight or high temperatures, due to the high risk of bursting the can. Do not expose to temperatures exceeding 50°C. Shelf life is a minimum of 12 months if stored as directed.

## DISPOSAL

Do not puncture or burn cans even when empty. Empty containers may be disposed via local landfill. Dispose of according to local authority regulations. Do not dispose of down drains or into local waterways.

## PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit [www.bostik.com/au](http://www.bostik.com/au) for copies.

HIGHLY FLAMMABLE –KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME

MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED. MAY CAUSE AN ALLERGIC SKIN REACTION.

KEEP OUT OF REACH OF CHILDREN

FIRST AID

Call a POISON CENTER or doctor/physician if you feel unwell.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

**For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.**

BOSTIK HOTLINE

Smart help 1800 898 551



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