

EXPANDA PRO GUN FOAM

HIGH YIELD, LOW EXPANSION PU EXPANDING FOAM

22 September 2014

YOUR SMART ADVANTAGES

- Precise dosage with Expanda Gun
- Construction quality
- High yield
- Low post expansion
- Excellent stability
- Good adhesion on surfaces (except silicone, PE, PP and PTFE)
- Excellent insulation and acoustic properties
- Fast curing
- Long lasting

USES

- Ideal for sealing around window/door frames, air conditioning vents etc.
- Applying a sound absorbing layer or acoustic baffle
- Filling cavities
- Sealing of openings in roof construction
- Improving thermal insulation in heating 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
Yield	750ml yields 50L
Density (cured)	~25 kg/m ³
Application temperature	20 to 25°C preferred 5 to 35°C possible
Product code	
750mL aerosol/12 per carton	30605417
Expanda compact gun	30605421
Expanda gun & foam cleaner – 500ml aerosol/12 per carton	30605420

TYPICAL PERFORMANCE DATA (approx.)*

Temperature resistance	-40°C to +90°C (cured)
Shear strength	17N/cm ²
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 ²
Bending strength (DIN53426)	~7N/cm ²
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. Masking gives a neater finish and reduces cleaning. Moisten surfaces with a water sprayer prior to application. This optimises 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 applicator 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.

EXPANDA PRO GUN 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

Expanda 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 residual cleaner from gun before starting 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.co.nz 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 National Poisons Information Centre, phone 0800 764 766 (0800 POISON) or CHEMCALL, phone 0800 243 622.

BOSTIK HOTLINE

Smart help 0508 222 777



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