

## GUN GRADE EXPANDING FOAM



Colour	Product Code	Pack Size	Box Qty
-	EVGF7	750ML	12

### Product Description

EVERBUILD GUN GRADE EXPANDING FOAM are quick setting one part polyurethane foams in aerosol form. GUN GRADE is supplied for use with our range of applicator guns. The foam expands on application to up to 50 times its original volume and expands on application by 150%.

Once cured, the foam can be cut, sawn or plastered over after only one hour providing the working temperatures (can and surfaces) are between +5 to +25°C, ideally 20°C.

### Benefits

- Quick setting - can be cut, sawn or plastered in 1 hour.
- Economical in use - expands up to 50 times its original volume.
- Fills irregular and broad gaps where most conventional fillers would fail.
- Possesses insulating and sound deadening properties.

### Areas for Use

#### Filling

- Gaps around pipe entries through walls.
- Gaps around window frames, door frames.
- electrical wire chasing prior to plastering
- deep joints prior to applying sealant or plaster
- irregular gaps in stone, brick, concrete or plaster

#### Fixing

- door frames
- timber structures
- Window sills and thresholds.
- Window frames

#### Insulating

- Behind cladding to exterior walls.
- behind soffit and barge boards
- In automotive applications.

### Limitations

- Carefully read instructions and text in warning box before use.
- Do not over pressurize container.
- Always apply above 5°C.
- Clean spills immediately with EVERFLEX FOAM CLEANER.
- When using GUN GRADE, always clean the gun thoroughly with EVERFLEX FOAM CLEANER until the jet is clear of foam. Leave the canister attached until the gun is to be used again
- When using FILL AND FIX FOAM, always remove nozzle from can and clean immediately after use with EVERFLEX FOAM CLEANER
- For fire rated joints, use EVERFLEX FIREFOAM B1 in conjunction with EVERFLEX FIREMATE intumescent sealant.

Once cured, dry foam must be removed mechanically. No solvent will remove the product

### Surface Preparation

Ensure all surfaces are clean, sound and free from dust and loose particles. **Moisten surfaces to be sealed with water. This assists the curing process.**

### Application

ALWAYS WEAR PROTECTIVE GLOVES.

Shake can well before use (about 20 times).

For the FILL AND FIX PRODUCT, carefully fix nozzle. Do not overtighten or force.

ALWAYS USE CAN UPSIDE DOWN. For GUN GRADE, tighten securely into one of our range of guns.

Only partially fill cavities as the foam will expand to fill the remaining space. Any excess foam can be removed whilst still wet with EVERFLEX FOAM CLEANER. Cured foam must be removed mechanically.

When used for fixing door frames, supports must be used until the foam is fully cured.

### Please note:

When transported in cars, keep in boot, out of direct sunlight.

When removing cured foam from skin, take care not to damage with abrasives.

Grease skin with body lotion or similar.

IMPORTANT – Re-use is only possible by cleaning the nozzle and valve tip with EVERBUILD DUAL PURPOSE FOAM CLEANER before the foam has cured. Do not push any object into the valve as the contents may explode.

### Specific Data

Expansion	37 litres (750ml can) 25 litres (500ml can)
Cell Structure	Medium fine
Tack Free	Approx. 8 minutes
Cuttable	20 mins to 1 hour depending on bead dimensions.
Full Load Bearing Stability	App, 12 hours (20mm bead)
Working Temps	5°C - 25°C. (Optimum 20°C)
Tensile Strength	18N/cm <sup>2</sup> (DIN 53455)
Elongation At Tension	30% (DIN 53455)
Shear Strength	8N/cm <sup>2</sup> (DIN 53422))
Flexural Strength	20N/cm <sup>2</sup> (DIN 53423)
Compressive Strength	5N/cm <sup>2</sup> (DIN 53421) at 10% stress.
Water Absorption	0.3 Vol % (DIN 53428)
Thermal Conductivity	0.04 W/Mk (DIN 52612)
Temp Res Of Cured Bead	Long Term: -40 - +100°C Short Term: -40 - +130°C

<b>Building Material Class</b>	B3 (DIN 4102, Part 1)
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### Health & Safety

Consult MSDS for full list of hazards

### Storage

Store upright between 15 and 20°C. Pressurized container. Protect from sunlight and do not expose to temperatures above 50°C. Do not pierce or burn the can even after use. Store as flammable liquid.

Note: Elevated temperatures will reduce shelf life dramatically.

### Shelf Life

12 months in original containers at stated storage temperatures.

*The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.*