

Date: 04 May 2012

Information Sheet No.: TDS00458

EVO-STIK GUN APPLIED FOAM FILLER A MOISTURE CURING POLYURETHANE FOAM

Evo-Stik Gun Applied Foam Filler is a one-part polyurethane based expanding foam which cures on contact with humidity. Before using Evo-Stik Gun Applied Foam Filler refer to the relevant Health & Safety Sheet.

Features

- Fills large or small gaps
- Seals, fills and insulates
- Cured foam can be cut, sanded, plastered or painted
- Adheres to most building materials

Uses

- Ideal for doorframe setting and filling of gaps between brickwork and window frames
- Sealing draughty gaps around pipes which pass through walls, cracks in walls as well as filling gaps in roofing eaves, roof panel joints etc, where a tight draught seal is required
- It adheres to the majority of common construction materials. Will not bond to polythene, polypropylene and may damage polystyrene and other sensitive surfaces

Product Characteristics

Colour	Green
Physical form	Liquid aerosol
Composition	Moisture curing polyurethane pre-polymer in solution
Product Code	132948 700ml x 12
Shelf life	12 months from the date of manufacture when stored in dry conditions between 5°C and 25°C
Storage	Ensure that the product is stored upright in a place where it cannot be knocked over, accidentally damaged or within the reach of children or animals
Application temps	+5°C to +35°C
Service temps	-40°C to +90°C

Tack Free	8-12 minutes (at 23°C depending on thickness of applied material)
Cut-able	40-80 minutes (at 23°C depending on thickness of applied material)
Curing time	5 – 24 hours (at 23°C depending on thickness of applied material)

Directions for use

IMPORTANT

Before using Evo-Stik Gun Applied Foam Filler refer to the relevant Health & Safety Sheet. Available at www.bostik.co.uk named as the code above.

Surface Preparation

1. The surfaces must be clean, free of loose particles and free of dust, oil and grease.
2. Just prior to foam application mist the surface well with a water mist sprayer to ensure even curing of the foam.
3. Expansion is further helped by moistening each layer of foam applied.
4. Always wear gloves, safety glasses and suitable clothing as cured foam is extremely difficult to remove.
5. Always work in very well ventilated places.
6. Protect sensitive nearby surfaces from stray foam by covering them. Remove all sources of ignition and isolate switches that might cause sparks.

Application

1. Shake the can at least 30 times before use.
2. Turn the can of foam upside down and fix onto the applicator gun ensuring that the threads are lined up.
3. Regulate the flow of foam by loosening the valve at the back of the handle.
4. Half fill the cavity with foam then mist the foam with water. The foam will expand to fill the rest.

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5. If fixing a window frame use wedges to hold the frame in place for 24 hours until the foam is fully cured.
6. When cured the foam may be cut to give a neat finish. The cured foam is not resistant to sunlight and should be painted or covered for protection within 7 days.
7. Usually the foam applicator gun is left attached to a can of foam to ensure the entire system is closed. To reuse break the nib of foam off the end of the gun applicator nozzle, shake can well and start application.
8. If replacing cans, close the gun valve and unscrew the empty can. Replace immediately with a full can of foam or thoroughly clean the foam applicator gun with Evo-Stik Foam Cleaner (further information on Evo-Stik Gun Foam Cleaner data sheet).

Cleaning

1. Foam spillages must be removed whilst fresh with Gun Foam Cleaner. First cleaning may leave minute residues so repeat the process.
2. Cured foam can only be removed mechanically.

Precautions in Use

Always store foam cans upright and in a position where they cannot fall and are, yet, out of reach of children and animals.

Do not expose containers to temperatures exceeding 50°C.

If transporting store upright in secure place in the boot of a car not in the passenger compartment.

Never force the valve or gun as damage can lead to foam leaking unexpectedly.

The product is so reactive with moisture that a can re-sealed after opening, cannot be guaranteed usable later.

Try to use the foam at 20°C. Below this the flow rate will be slower and the yield much lower and the foam lower quality. At higher temperatures the flow rate will be much faster and the yield higher.

Never try to warm very cold cans quickly. Always place them in a room at about 20°C for a few hours.

Be careful when using the product in windy conditions, as the foam is so light it can be blown onto sensitive surfaces where it will be very difficult to remove completely.

The product does not bond to silicone, Teflon or polyethylene.

The foam is not suitable for continuous water immersion.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Evo-Stik Gun Applied Foam Filler.

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