



# EVO-STIK Foam Filler

## ONE COMPONENT EXPANDING POLYURETHANE FOAM

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Fact Sheet No.: TDS00448

### YOUR SMART ADVANTAGES

- Fills, seals, bonds and insulates
- Ideal for awkward voids and large or irregular gaps
- Once cured can be cut, sanded, plastered and painted

### USES

EVO-STIK Foam Filler is a B3 one component polyurethane foam that is self-curing through the absorption of moisture from the atmosphere. It sets to form a semi-rigid structure, which flexes firmly, yet yields to vibration and joint movement. It has excellent adhesion to wood, brick, stone, concrete, plaster, asbestos, wallboard, hardboard, and metal surfaces.

EVO-STIK Fire Foam Filler can be used in joints between separation walls, ceilings and floors. It can also be used in perimeter joints around window and door frames. It can fill cavities around pipes, cables or transits in walls and ceilings.

### PRODUCT CHARACTERISTICS

Colour	Light yellow
Form	Liquid aerosol
Density	20-30kg/m <sup>3</sup>
Composition	Moisture cured polyurethane pre-polymer solution
Product Codes	30803693 750ml x 12 30803692 500ml x 12
Storage/Shelf Life	18 months from date of manufacture, in unopened packaging, stored in a cool dry place between +5°C and +25°C stored upright. Ensure container cannot be knocked over, accidentally damaged or is not within the reach of children or animals. During transport store upright and

securely in car boot.

### TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +35°C Ideal temperature for use between +15°C to +23°C
Service Temperature	-40°C to +90°C
Closed Cells	±70%
Tack Free	10 to 20 minutes
Curing Time	80 to 100 minutes
Cut-able	20 to 40 minutes
Coverage	25 - 30 litres approx. per 750ml 22.5 - 24.5 litres approx. per 500ml The coverage yields are the maximum expected if the product is allowed to freely expand. These yields do not include wastage, which can be considerable, depending upon the manner used.
Thermal Conductivity	30 - 35 mW(m·K)
Fire Rating	B3

### DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Foam Filler refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk) named as the code above.

### PREPARATION

1. Do not apply below +5°C or above +35°C. Ideal temperature for application is between +15°C to +23°C.
2. Always wear gloves and suitable clothing as cured foam is extremely difficult to remove.

3. Always work in very well ventilated places.
4. Protect sensitive nearby surfaces from stray foam by covering them.
5. Remove all sources of ignition and isolate switches that might cause sparks.
6. The surfaces must be clean and free from grease, oil and loose particles.
7. Just prior to foam application mist the surface well with a water mist sprayer to improve adhesion and ensure even curing of the foam.
8. Expansion is further helped by moistening each layer of foam applied.

#### APPLICATION

1. Remove protective cap and carefully screw applicator nozzle on to the valve. Avoid bending the valve or forcing it into the seal, as this causes the valve to open and release contents.
2. Do not try to force foam from the can with any tool or sharp object. If the foam does not come out of the nozzle under normal finger pressure, refer the can to the retailer, and contact our Technical Services department.
3. Shake the can vigorously at least 30 times before use. Also shake from time to time during use to mix contents. Application must be carried out whilst the can is upside down.
4. Moisten surfaces well before application to improve adhesion and cure of the foam.
5. If extruding the foam onto itself, spray a mist of water onto the first layer to assist curing process.
6. Turn the can upside down and apply pressure to applicator nozzle. Vary pressure to control flow of foam. On vertical surfaces, start at the lowest point. On horizontal surfaces, work away from the extruding bead.
7. Remember to fill approximately half the required depth of the cavity because the foam will expand.
8. After 10 to 20 minutes the foam will become tack free. After 1 hour it is fully expanded. The foam will be firmly set between 1 to 4 hours depending on temperature and humidity, when any excess can be trimmed with a sharp blade.
9. Foam can be cut, sanded, plastered or painted once fully cured to give a neat finish.
10. The foam must be coated or painted if it is exposed to sunlight.

#### CLEANING

11. Remove all excess foam immediately with a clean dry cloth.
12. First cleaning may leave minute residues so repeat the process, even if not visible.

13. Cured foam may only be removed by mechanical means.

#### PRECAUTIONS IN USE

Always store foam cans upright 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 the vehicle, not in the passenger compartment.

Never force the valve as damage may lead to foam leaking unexpectedly. The valves are not 'straight-through' so they cannot be unblocked.

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

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 around 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.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for EVO-STIK Foam Filler.

BOSTIK HOTLINE

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