



EVO-STIK Plasterboard Adhesive Foam

ONE COMPONENT POLYURETHANE FOAM

Date: 13 April 2018

Fact Sheet No.: TDS01988

YOUR SMART ADVANTAGES

- Multi-purpose
- Quick and easy to use
- Noise reduction up to 61dB

USES

EVO-STIK Plasterboard Adhesive Foam is a B3 one component polyurethane adhesive foam that replaces traditional heavy wall dry adhesive. Cost effective because no mixing is required, it is moisture curing.

It sticks plasterboard, insulation boars, floor boards and shower/bathroom boards.

It also bonds many additional substrates including brick, blockwork, metal, roof tiles, timber and many others.

PRODUCT CHARACTERISTICS

Colour	Light yellow
Form	Liquid aerosol
Density	18-25kg/m ³
Composition	Moisture cured polyurethane pre-polymer solution
Product Codes	30611425 750ml 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	8 to 12 minutes
Curing Time	100 to 120 minutes
Cut-able	30 to 50 minutes
Coverage	25 – 30 litres approx. per 750ml. 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 Plasterboard Adhesive Foam refer to the relevant Health & Safety Data Sheet, available at 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. The surfaces must be clean, free of loose particles and free of dust and grease.
3. Always wear gloves and suitable clothing as cured foam is extremely difficult to remove.

4. Protect sensitive nearby surfaces from stray foam by covering them. Remove all sources of ignition and isolate switches that might cause sparks.
5. In cold temperatures, leave the foam at least one hour before use in warm to room temperature.

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 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. Check there are no sources of ignition present.
5. Turn the can upside down and apply pressure to applicator nozzle. Vary pressure to control flow of foam.
6. Whilst fixing boards, foam adhesive should be applied onto the board itself, ideally in vertical strips at intervals of approx. 30cm.
7. Wait 5-10 minutes after application before pushing the board firmly into place. The higher the temperature, the shorter the cure time. Boards should be supported in place until the adhesive is fully cured.
8. The foam does provide a barrier to moisture, but in time small amounts of water will migrate through the foam.
9. Adhesion tests prior to application are recommended. It is the user's responsibility to determine suitability.

CLEANING

10. Remove all excess foam immediately with a clean dry cloth.
11. Cured foam can only be removed mechanically.

PRECAUTIONS IN USE

Always store foam cans upright and in a position where they cannot fall and 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 as damage can 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 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.

Among others, not recommended for use on silicone, PTFE, PP, PE and greasy or oily surfaces. Not suitable for application on surfaces immersed in water or for the filling of enclosed spaces or those where the width is greater than 4cm.

The foam is not suitable for fixing plasterboard to ceilings.

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 Plasterboard Adhesive Foam.

BOSTIK HOTLINE

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