

PUFoam

Hand-Held Type PU Foam

Product Description:

Bostik PU Foam is on-component, hand-help type aerosol polyurethane foam that is expanded and cured with humidity. It has been designed for using with the nozzle provided with the aerosol can.

Areas of applications:

- In the installation and insulation of the window and door frames
- In the insulation and filling of gaps, big cracks and holes
- In the insulation of electric installation and cold/hot water pipes

Features:

- High thermal and acoustic insulation value with excellent adhesion and filling quality
- Does not contain any propellant gases harmful to ozone layer
- Non-mouldy, waterproof and over-paintable
- Efficiency up to 45 litre and expansion up to 30% depending on the humidity and temperature
- Economical use thanks to the gunned application
- Included in B3 class according to DIN 4102-1 numbered standard

Technical data:

Colour	Cream
Density (kg/cm ³)	14 – 17
Skin formation time (1 cm width) (ASTM C1620)	7 ± 2 min
Cuttability time (1 cm width) (ASTM C1620)	30 – 45 min
Expansion ratio	Up to 1 – 1,5 times
Mechanical specifications	Semi-hard
Yield	35 - 45 lt
Closed cell ratio (%) (ASTM D 2856)	60 – 70
Heat Conductivity (W / m.K.)	25 – 30
Heat Resistance	Between -40°C and +100°C
Flammability (DIN 4102-1)	B3

Technical data are approximately provided according to a temperature of + 20°C and a relative humidity of 50%.

Preparation of the substrate :

- The application surfaces should be clean, sound, stable, dry and grease- and dust-free.
- The surfaces that require protection should be closed with a tape.
- For an ideal outcome, it should be rested at least 12 hours before the application or soaked in warm water for 20 minutes (at max. +40°C).
- The optimum bottle temperature is +20°C. The application temperature should be between +5°C and +30°C.
- Use gloves while working.

Application:

- Shake the bottle at least 20 – 30 times before the application.
- Insert the nozzle to the valve. Hold the bottle in upside down position and press the valve.
- Since the foam is expanded, the gaps should be filled economically.
- Dampening the floors and pressurized foam is very useful for accelerating the reaction and increasing the efficiency.
- After the first use, twist the nozzle and mount to the plug to protect the foam inside the nozzle from drying.

Warning: Bostik is only responsible for the product quality and cannot be held responsible for its mis-use except for the recommendations regarding where and/or how the product shall be used. It is not possible to give a guarantee for the results of operations for individual cases, due to multiplicity of possible uses and storage and processing conditions of the product, which are not under our control. Where necessary, the user should make their own tests. Due to local regulations, product performance may vary from country to country. This technical bulletin hereby is valid until it is renewed. BOSTIK's right to amend the products in accordance with technical developments is reserved. In cases concerning the safety of the products, the material safety data sheet (MSDS) containing this information should be consulted.



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Cleaning after the application :

- The foam that contaminated to the undesired areas should be cleaned with acetone.
- The foam gun of the polyurethane foam should be cleaned by fixing a foam cleaner after the application if the foam is going to be removed from the surface.

Safety :

It contains diphenylmethane -4.4 di-isocyanate.

Packaging :

In 750 ml aerosol can

Storage:

- They should be protected from water, frost and adverse air conditions. Shelf life may be shorter when stored over +30°C and -5°C.
- They should be kept dry and cool on wooden palettes.
- They should be kept vertically while stored and transported.
- The opened products should be consumed immediately.
- Maximum 5 boxes are stacked on each other.
- Shelf life is maximum 12 months conditional to complying with the abovementioned storage conditions.

Health and Safety Information

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Safety Data Sheet.

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