



Technical Data Sheet

SX Premium Gun Grade PU Expanding Foam Expanding foam for filling, fixing, insulating & backing



Product Description

A high quality, polyurethane based expanding foam for professional use in general construction and home improvement applications. It expands up to 30 times its original volume and is quick drying. It also offers excellent acoustic and thermal properties.

Packaging: 750ml canister (packed 1 x12). 1 pallet = 960 canisters

Benefits

- High quality professional PU Foam
- B3 class

Uses

Filling - large, irregular or awkward gaps where the foam will expand to completely fill the cavity.

Fixing - window frames, loose tiles and boards.

Insulating - between brickwork and cladding, around ductwork and through cavities carrying pipes and cables.

Backing – in low expanding joints; can be used as a backing material in all types of sealant applications.

Directions of Use

It is important to moisten surfaces slightly before use as this improves adhesion and finished cell structure of the foam. Hold the can of foam upright and fix onto the applicator gun ensuring the threads are lined up. Then shake the can prior to use at least 30 times. To apply foam, turn the can upside down. We recommend SX PU Foam Applicator Gun is used. To regulate the flow of the foam, loosen the valve at the back of the handle. Only use in temperatures of + 5°C to + 35°C. Half fill the cavity and lightly spray the foam with water. The foam will expand to fill

the rest. When fixing window frames, use wedges to hold the frame in place for approximately 24 hours until the foam is fully cured. The foam applicator gun can be left attached to a can of foam to ensure that the entire system is closed if it is going to be reused within approximately 2 weeks. To reuse, simply break off the nib of foam at the end of the gun applicator nozzle, shake can well and start application. If not to be reused within approximately 2 weeks the can must be removed from the gun and the foam applicator gun to be cleaned thoroughly using SX PU Foam Cleaner. Before replacing cans, close the gun valve, unscrew empty can and immediately clean the foam gun thoroughly using SX PU Foam Cleaner.

Additional information

Application Temperature		From +5°C to +35°C
Base		Polyurethane
Closed Cells		70%
Curing Time		50-100 mins
Cutting Time		50-100 mins
Density		18-25 kg/m ³
Dimensional Stability	FEICA TM1004	-5% < DS < 0%
Fire Behaviour		B3
Joint sound insulation		58dB
Tack free time	FEICA TM1014	8-15 mins
Temperature Resistance		From -40°C - +90°C
Thermal conductivity	m.K	30-35 W /
Yield	FEICA TM1003	750ml = 35-40 litres

Limitations

- Not recommended for use on silicone, PTFE, PE, PP or greasy and oily surfaces.
- Not suitable for continuous water immersion or use in enclosed spaces.
- When exposed to sunlight apply sealant or render within 7 days as the foam is not resistant to UV light.





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- The foam does provide a barrier to moisture, but allows water vapour to migrate through the foam

Surface Preparations and Finishing

Ensure surfaces to be treated are free from dust, grease and other loose material. Can be cut, sanded, plastered or painted when cured.

Paintability

Can be painted when cured.

Cleaning

Attach a can of SX PU Foam Cleaner and press the trigger several times until all the residual foam dissolves. Never leave the foam gun applicator separated from a can of foam without immediately cleaning the gun thoroughly. Always clean the foam applicator gun thoroughly before storing. Do not use a metal hammer to release the can from the gun adaptor thread. If necessary, tap gently with a nylon hammer. Do not attempt DIY repairs to the gun. Cured foam can only be removed mechanically.

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Colour(s)

- Green

Packaging

- 750ml canister (packed 1 x12). 1 pallet = 960 canisters

Shelf Life

Shelf life of 18 months after production date. Always store and transport upright in cool, dry conditions between +5°C and +25°C. Do not expose to temperatures above +50°C..

Health & Safety

Safety data sheet (MSDS) must be read and understood before use of product. These are available on request and via the Siroflex website on the product pages.

Warranty & Guarantee

Siroflex warrants that its product complies, within its shelf life, to its specification.

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