

## 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.

#### Benefits

- High quality professional PU Foam
- B3 class

#### Applications

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

Use gloves provided. 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 used 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 applicator gun thoroughly using SX PU Foam Cleaner.

#### Additional information

Application temperature		+5°C to +35°C
Base		Polyurethane
Closed cells		± 70%
Curing time		80-100 minutes
Cutting time	FEICA TM1005	20-40 minutes
Density		14-20 kg/m <sup>3</sup>
Fire behaviour		B3
Joint sound insulation		62 dB
Tack free time	FEICA TM1014	8-12 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30-35 mW/m.K
Yield	FEICA TM1003	750 ml = 38 - 42 liter

*These are typical values*

#### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for permanent water load. Not suitable for use (eg filling) in cavities with insufficient moisture



## Technical Data Sheet

### SX Premium Gun Grade PU Expanding Foam

Expanding foam for filling, fixing, insulating & backing

#### 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. 0146.DBR

#### Colour(s)

- Green

#### Packaging

- Aerosol

*For product specifications, please refer to the Product Detail Page*

#### Shelf Life

If kept in unopened original packaging between +5°C and +25°C and stored in a dry place, the shelf life is up to 18 months from production date. Store the canisters in an upright position.

#### Certifications

	DIN 12354-3 Joint Sound Insulation Wind load test FEICA member A+ French VOC Regulation Emicode EC1 Plus
--	--

#### 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.

#### Disclaimer

All information in this document and in all our other publications (including electronic ones) is based on our current knowledge and experience and is the exclusive (intellectual) property of Siroflex Limited. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Siroflex Ltd's written consent. The technical information in this document serves as an indication and is non-exhaustive. Siroflex Ltd is not liable for any damage, either direct or indirect, due to (editorial) errors, incompleteness and/or incorrectness of this document. This includes, but is not limited to, incompleteness and/or incorrectness due to technological changes or any research conducted between the date of publication of this document and the date on which the product is acquired. Siroflex Ltd reserves the right to amend the wording of this document. Siroflex Ltd cannot be held liable for any damage, either direct or indirect, due to the use of the product depicted in this document. The user must read and understand the information in this document and other documents relating to the products prior to the use of the product. The user is responsible for performing all the requisite tests to make sure that the product is suitable for its intended use. We have no influence in what way the product is applied and/or any circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage. All deliveries are made exclusively in accordance with our Terms & Conditions of sale.