



## Technical Data Sheet

### SX Contractors Gun Grade PU Expanding Foam High yield expanding foam for filling, fixing, insulating and 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.

#### 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	EN 17333-3	20-40 minutes
Density		18-25 kg/m <sup>3</sup>
Dimensional stability	EN 17333-2	-5% < DS < 0%
Fire behaviour		B3
Joint sound insulation		62 dB
Tack free time	EN 17333-3	8-12 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30-35 mW/m.K
Total foam yield	EN 17333-1	700 ml = 40-45 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

#### 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.



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The foam should be painted or coated within 7 days if it is exposed to sunlight as it is not resistant to ultra violet light.

#### 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. Issue 12/29.04.16/0146.9.DBR

#### Colour(s)

- Green

#### Packaging

- Aerosol

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

#### Shelf Life

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

#### Certifications

ISO 717-1 Joint Sound Insulation
Feica TM1011 Compression Strength
Feica TM1012 Shear Strength
Feica TM1018 Tensile Strength
EN 1609 Water vapour partial immersion
EN 12086 Water vapour transmission
EN 12667 Thermal Performance
DIN 12354-3 Joint Sound Insulation
VOC emissions ISO 16000
EMICODE EC1 Plus – very low emission

#### 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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