



## Technical Data Sheet

### SX Contractors Hand Held PU Expanding Foam High yield expanding foam for filling, fixing, insulating and backing



#### Product Description

A one shot, 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 PU foam
- Applicable with straw

#### 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

It is important to moisten surfaces slightly before use as this improves adhesion and finished cell structure of the foam. Shake the can prior to use at least 30 times. Remove cap and screw the adaptor firmly onto the valve. To apply foam, turn the can upside down and press the adaptor. 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.

#### Additional information

Application temperature		+ 5°C to + 35°C
Base		Polyurethane
Closed cells		± 70%
Curing time	FEICA TM1015	100 - 120 minutes
Cutting time	FEICA TM1005	30 - 50 minutes
Density		20 - 30 kg/m <sup>3</sup>
Dimensional stability	FEICA TM1004	- 5% < DS < 0%
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 = 25 - 30 liter

*These values are typical properties and may vary +/-3%*

#### 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. 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. Cured foam can only be removed mechanically.

#### Paintability

Can be painted when cured



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#### Cleaning

Fresh foam can be removed directly with SX PU Foam Cleaner.  
After curing the surplus of the foam can be removed with a knife or spatula and the foam surface can be finished.  
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#### 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

	<p>A+ French VOC Regulation          ISO 717-1 Joint Sound Insulation          ISO 10534 - Sound absorption coefficient          EN 12667 Thermal Performance          DIN 4034 Water resistance          Feica TM1011 Compression Strength          Feica TM1012 Shear Strength          Feica TM1018 Tensile Strength          VOC Content - LEED 2009          VOC Emissions - ISO 11600          A+ (Eurofins ISO 16000)          FEICA member</p>
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#### 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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