



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		100-120 minutes
Cutting time	EN 17333-3	30-50 minutes
Density		20-30 kg/m ³
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	750 ml = 25-30 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. 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

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. 0045.DBR



Technical Data Sheet

SX Contractors Hand Held PU Expanding Foam

High yield expanding foam for filling, fixing, insulating and backing

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

	EMICODE EC1 Plus – very low emission VOC emissions ISO 16000 LEED Feica TM1011 Compression Strength Feica TM1012 Shear Strength Feica TM1018 Tensile Strength ISO 717-1 Joint Sound Insulation EN 12667 Thermal Performance EN ISO 10534-1:2002 & EN ISO 10534-2:2005
--	---

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.