



Technical Data Sheet

SX PROFESSIONALS GUN GRADE EXPANDING PU 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.

KEY 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.

DIRECTION FOR 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.

TECHNICAL SPECIFICATIONS

| | | |
|-------------------------|------------|------------------------------|
| Application Temperature | | +5°C to +35°C |
| Base | | Polyurethane |
| Curing Time | | |
| Density | | 18-25 kg/m ³ |
| Temperature Resistance | | -40°C to +90°C |
| Cutting Time | | 30-50 minutes |
| 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 (EN 17333-3) |
| Thermal conductivity | | 30-35 mW/m.K |
| Total foam yield | EN 17333-1 | 750 ml = 40-45 liter |
| Closed Cells | | ± 70% |

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.

PAINTABILITY

Can be painted when cured.

CLEANING

Attach a can of 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.

PACKAGING DESCRIPTION

For product specifications, please refer to the Product Detail Page

COLOUR

Green

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
- EN 12667 Thermal Performance
- DIN 12354-3 Joint Sound Insulation
- Emission EC1 Plus – very low emission



HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

WARRANTY & GUARANTEE

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

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