



Technical Data Sheet

SX Flameguard Fire Retardant Hand Held Expanding Foam Hand Held Fire Retardant Expanding Foam



Product Description

Single component, flame resistant, B1 quality construction foam which cures by air moisture. It expands up to 30 times its original volume and is quick drying. Flame resistant only in between solid mineral or metal construction materials - gap depth and width a maximum of 40mm. Certified by MPA Bau Hannover ABP-No-P-NDS04-349. Fire resistance class E1 180-V-X-F-W 10-50* as per classification report 3.2/10-052-2 acc. to DIN EN 1366-4 in combination with DIN 13501-2. Certified by MfPA Leipzig GmbH. The product has been tested according to the Dutch NEN6069:1997-norm to meet special fire resistance in building systems (related to European norm EN1366-4). *Joint structure: compressed mineral wool at the side facing the fire space (width 200mm, depth 100mm) and B1 foam at the far fire space side (depth 100mm).

Benefits

- High quality
- Fire retarding quality - EN 1366-3 tested and approved (up to 240 minutes in combination with other products)

Applications

For construction elements where advanced fire security standards are required. 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. Turn the can of foam upside down and fix onto the applicator gun ensuring the threads are lined up. 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. Normally the foam applicator gun should be left attached to a can of foam to ensure that the entire system is closed. To reuse, simply break off the nib of foam at the end of the gun applicator nozzle, shake can well and start application. Before replacing cans, close the gun valve and unscrew empty can, then immediately clean the foam applicator gun thoroughly using SX PU Foam Cleaner.

Additional information

Application temperature		+ 10°C to + 35°C
Base		Polyurethane
Closed cells		± 70%
Curing time	FEICA TM1015	80 - 100 minutes
Cutting time	FEICA TM1005	20 - 40 minutes
Density		20 - 30 kg/m ³
Fire behaviour		B1
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%



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Limitations

- Not suitable for continuous water immersion or use in enclosed spaces.
- It will not bond to silicone, PTFE, polyethylene, polypropylene, soft plastics and greasy or oily surfaces

Surface Preparations and Finishing

Ensure surfaces to be treated are free from grease, dust and loose material. Can be cut, sanded, plastered or painted when cured.

Paintability

This product 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. Issue11/29.04.16/0274.2.D

Colour(s)

- Pink

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 12 months from production date. Store the canisters in an upright position.

Certifications

	EN 1366-4 FEICA member A+ French VOC Regulation
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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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