

TECHNICAL DATA SHEET

SX GUN GRADE FOAM

An easy to use, polyurethane based expanding foam for general construction and home improvement applications. Must only be used with a gun grade applicator - Siroflex PU Foam Applicator is recommended.

USES

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.

COLOUR: Green

PACKAGING: Gun Grade 750ml canister packed 1 x 12

PREPARATION

Ensure surfaces to be treated are free from grease, dust and loose material. **IMPORTANT** - moisten surfaces well before use as this improves adhesion and finished cell structure of the foam. Use in a well ventilated area away from all sources of ignition, including pilot lights. Protect skin during use. Always wear gloves and safety glasses. Wear suitable workwear. Cover carpets and all household furnishings before use. Keep out of the reach of children. Follow instructions carefully. Read caution information. Do not puncture.

APPLICATION

METHOD - Shake the can intensively at least 20 times prior to use. Turn can of foam upside down and fix onto the applicator gun ensuring that the threads are lined up. To regulate the flow of the foam loosen the valve at the back of the handle. Only use in temperatures of + 5°C to + 30°C. **FILLING** – Half fill the cavity and lightly spray the foam with water. The foam will expand to fill the rest. **FIXING** - When fixing window frames use wedges to hold the frame in place until the foam is fully cured - approximately 24 hours.

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FINISHING

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. **AFTER** - Normally the foam applicator gun should be left attached to a can of foam to ensure 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. **REPLACING CANS** - Before replacing cans, close the gun valve and unscrew empty can. Immediately replace with a full can or clean the foam applicator gun thoroughly with SX PU Foam Cleaner. It is the user's responsibility to dispose of all packaging correctly.

To remove cured foam cut as much residue away as possible with a knife and apply SX PU Foam Digester. Leave for at least 30 minutes and remove with a plastic or wooden spatula.

LIMITATIONS

Care should be taken to protect surrounding surfaces. When exposed to sunlight apply sealant or render within 7 days as the foam is not resistant to ultra violet light. Does not bond to silicone, Teflon, polyethylene, and greasy or oily surfaces. Compatibility tests are recommended prior to application. It is the users responsibility to determine suitability.

CARE AND MAINTENANCE

Periodically the foam applicator gun should be cleaned thoroughly. Attach a can of SX PU Foam Cleaner and press the trigger several times until all foam remains dissolve. Never leave the foam gun applicator separated from a can of foam without immediately cleaning the gun thoroughly or replacing with a new can of foam. 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, return it to the supplier.

HEALTH & SAFETY

CAUTION EXTREMELY FLAMMABLE – HARMFUL

CONTAINS DIPHENYLMETHANEDIISOCYANATE, ISOMERES AND HOMOLOGUES

Extremely flammable. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation and skin contact. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Do not breathe aerosol. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable gloves and eye/ face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Use only in well- ventilated areas. Dispose of this material and its container to hazardous or special waste collection point. Contains isocyanates. See information supplied by the manufacturer. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – No Smoking. Build up of explosive mixtures possible without sufficient ventilation. Keep out of the reach of children.

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PRECAUTIONS

Use in a well ventilated area away from all sources of ignition, including pilot lights. Protect skin during use. Always wear gloves and safety glasses. Wear suitable workwear. Cover carpets and household furnishings before use. Keep out of reach of children. Follow instructions carefully.

LIABILITY

The information given is the result of our tests and experience and is believed to be accurate and reliable. However, as Siroflex Limited cannot know all the uses its products may be put to, it is the users responsibility to determine suitability of use.

STORAGE

Always store **UPRIGHT** in cool, dry conditions. Do not expose to temperatures above +50°C.

TECHNICAL DATA	DIMENSION	SX GUN GRADE FOAM
Density after curing ^{1) 2)}	kg/m ³	14 – 20
Tack-free time ¹⁾	min	8 - 12
Cutting time ^{1) 2)}	min	15 – 30
Dimensional stability		-5% < DS < 0%
Thermal conductivity	mW/ m.K	30 – 35
Application temperature range		+5°C to +35°C (Ideal +15°C to +20°C)
Canister temperature range		above +5°C (Ideal +10°C to +20°C)
Temperature resistance after curing		-40°C - +90°C
Shelf life ³⁾		12 months, when stored upright a dry and cool conditions
Fire classification		DIN 4102-B3, Class F according to EN 13501-1

¹⁾ The physical properties mentioned are obtained from laboratory measurements under ideal conditions and may vary upon use, temperature, and ambient conditions.

²⁾ Foamed in a pre-moistened joint.

³⁾ Excessive heat can cause premature aging of components resulting in a shorter shelf life.

Full health and safety data information can be downloaded from www.siroflex.co.uk.

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