Siroflex
L I M I T E D
Quality Performance Products

TECHNICAL DATA SHEET

SX GUN GRADE FOAM

An easy to use, polyurethane based expanding foam general construction and home improvement applications. Must only be used with a gun grade applicator - Siroflex PU Foam Applicator Gun 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 at 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 + 35°C, ideal temperature is 15°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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SX GUN GRADE FOAM TECHNICAL DATA SHEET CONTINUED

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.

CARE AND MAINTENANCE

Do not remove part used cans from the gun. Keep the canister attached at all times as this will prevent the foam curing within the gun. The foam canister should not be removed until it is empty. Always make sure that the Gun Grade Foam can is totally empty by keeping your finger on the trigger to let out all the gas. To clean the gun, remove the empty Gun Grade Foam can, clean the valve using SX PU Foam Cleaner. Immediately place the can of SX PU Foam Cleaner onto the gun, press the trigger down for at least five seconds, making sure that the solvent travels through the gun to the tip and totally cleans the gun. It is important that the foam is removed from the tip of the extrusion nozzle, as any cured material here will cause a problem later. If after cleaning you find that there is some cured foam at the end of the nozzle or round the ball bearing in the valve, remove this with a pin and use the SX PU Foam Cleaner again, to ensure that the gun is totally clean and operational. 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. Guns should only be stored when thoroughly cleaned.

HEALTH & SAFETY

EXTREMELY FLAMMABLE – HARMFUL
Contains Diphenylmethanediisocyanate, isomers 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. May cause long-term adverse effects in the aquatic environment. May cause harm to breastfed babies. Keep away from sources of ignition - No smoking. Do not breathe fumes/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 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. Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point. Contains isocyanates. May produce an allergic reaction. See information supplied by 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 container in a well-ventilated place. Buildup of explosive mixtures possible without sufficient ventilation. Keep out of the reach of children. Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

SX GUN GRADE FOAM TECHNICAL DATA SHEET CONTINUED

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.

LIMITATIONS

Care should be taken to protect surrounding surfaces. Cured foam can only be mechanically removed. When exposed to sunlight apply sealant or render within 7 days as the foam is not resistant to ultra violet light. Will not bond to Silicone, Teflon, Polyethylene, Polypropylene or greasy and oily surfaces. It is the users responsibility to determine suitability.

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 and transport UPRIGHT in cool, dry conditions. Do not expose to temperatures above +50ºC.

TECHNICAL DATA	SX GUN GRADE FOAM
Base	Polyurethane
Application temperature	+5°C - +35°C
Temperature of can during application	min +10°C
Density (ISO 7390)	18 – 25kg/m³
Skinning time*	8 – 12 min
Cutting time*	40 – 80 min
Curing time*	5 – 24 hours
Freeze resistance	up to -15°C during transportation
Temperature resistance	-40°C - +90°C
Insulation value	25 – 30mW/ mK (DIN 52612)

*under laboratory conditions at the temperature of +23°C; U.R. 55%

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

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