

TECHNICAL DATA SHEET

SX CONTRACTORS GUN GRADE FOAM

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.

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)

STORAGE & TRANSPORTATION – Always store and transport upright in cool, dry conditions between +5°C and +25°C. Do not expose to temperatures above +50°C.

PRECAUTIONS – Read the Health & Safety section carefully. This product contains some flammable components and therefore must only be used in well ventilated areas and away from all sources of ignition, including pilot lights (ie. open fires, electric gadgets, electrostatic charges). Where more than one can has been used in one area, vapours may gather causing explosive and noxious concentrations. Always wear gloves and safety glasses to protect skin and eyes. Wear suitable workwear. Cover carpets, furnishings and all surfaces around working area with a suitable dustsheet before use.

DIRECTIONS - Ensure surfaces to be treated are free from dust, grease and other loose material. 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. Can be cut, sanded, plastered or painted when 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 gun thoroughly using SX PU Foam Cleaner.

CLEANING AND MAINTENANCE - 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.

LIMITATIONS – Among others not recommended for use on silicone, PTFE, PE, PP or greasy and oily surfaces. Not suitable for continuous water immersion or use in enclosed spaces. Wider joints or joints deeper than 5cm should be filled in several layers (wait 15-30 mins between each application). When exposed to sunlight apply sealant or render within 7 days as the foam is not resistant to UV light. The foam does provide a barrier to moisture but in time, small amounts of water will migrate through the foam. It is the user's responsibility to determine suitability.



Danger

Contains: diphenylmethanediisocyanate, isomers and homologues. Extremely flammable aerosol. Pressurised container: May burst if heated. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. May cause harm to breast-fed children. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. May cause long lasting harmful effects to aquatic life. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact during pregnancy/whilst nursing. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container in accordance with local/regional/national/international regulations. Contains isocyanates. May produce an allergic reaction. Build-up of explosive mixtures possible without sufficient ventilation. 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.

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 that its products may be put to, it is the user's responsibility to determine suitability of use.

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/m ³
Skinning time*	8 – 12 min
Cutting time*	40 – 80 min
Curing time*	5 – 24 hours
Frost resistance	up to -15°C during transportation
Temperature resistance after curing	-40°C - +90°C
Insulation value	25 – 30mW/ mK (DIN 52612)
Shelf life in original packaging +5°C - +25°C	18 months

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

Click [here](#) for full Health & Safety information.

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