

TECHNICAL DATA SHEET

SX HAND HELD FOAM

A one shot, 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: Hand Held 500ml & 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. Remove cap and screw the adapter firmly onto the valve. To apply foam, turn the can upside down and press the adaptor. 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. 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.

HEALTH & SAFETY

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 HAND HELD FOAM
Base	Polyurethane
Application temperature	+5°C - +35°C
Temperature of can during application	Min +10°C
Density	20-30kg/m ³
Dimensional stability (FEICA TM1004)	-5% < DS < 0%
Fire Behaviour	B3
Joint sound insulation	58db
Tack free time (FEICA TM1014)	5-15 mins
Skinning time	10 – 15 min
Cutting time (FEICA TM1005)	50 – 100 min
Curing time	50 - 150 mins
Frost resistance	up to -15°C during transportation
Temperature resistance	-40°C - +90°C
Thermal conductivity	30-35 W/ (m.K)
Closed Cell	+70%
Yield (FEICA TM1003)	750ml = 35-40 litre
Shelf life in original packaging between +5°C - +25°C	18 months

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

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