

# TECHNICAL DATA SHEET

## SX HAND HELD FOAM

A one shot easy to use, polyurethane based expanding foam for general construction and home improvement applications.

### USES

For filling large, irregular or awkward gaps where the foam will expand to completely fill the cavity. Fixing window and door frames, loose tiles and boards. Insulating between brickwork and cladding, around ductwork and through cavities carrying pipes and cables. Can be used as a backing material to fill large joints before oversealing. Expands up to 30 times its original volume. Quick drying.

**COLOUR:** Green

**PACKAGING:** Hand Held 500ml & 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.

### APPLICATION

**METHOD** - Shake the can intensively at least 20 times prior to use. Remove cap and screw the adaptor firmly onto the valve. To apply foam **TURN THE CAN UPSIDE DOWN** and press the adaptor. 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.

### FINISHING

Can be cut, sawn, plastered or painted when fully cured. Cured foam can only be mechanically removed. It is the user's responsibility to dispose of all packaging correctly. 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.

**SX HAND HELD FOAM TECHNICAL DATA SHEET CONTINUED****HEALTH & SAFETY****EXTREMELY FLAMMABLE – HARMFUL**

Contains: Diphenylmethane-4,4'-Di-Isocyanate, 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 of water. Wear suitable protective clothing, 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. In case of accident by inhalation, remove casualty to fresh air and keep at rest. 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. Build-up 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.

**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. Read caution information. Do not puncture.

**LIMITATIONS**

Not recommended for applications on surfaces immersed in water. 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. Not suitable for use on silicone, Teflon, polyethylene and greasy or oily surfaces. It is the user's responsibility to determine suitability. The foam does provide a barrier to moisture but in time small amounts of water will migrate through the foam.

**STORAGE**

Always store and transport **UPRIGHT** with valve up in cool, dry conditions. Do not expose to temperatures above 50°C.

**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 user's responsibility to determine suitability of use.

## SX HAND HELD FOAM TECHNICAL DATA SHEET CONTINUED

TECHNICAL DATA	SX HAND HELD FOAM
Base	Polyurethane
Application temperature	+5°C - +35°C
Temperature of can during application	min +10°C
Density (ISO 7390)	19 – 35kg/m <sup>3</sup>
Skinning time*	10 – 15 min
Cutting time*	60 – 100 min
Curing time*	5 – 24 hours
Freeze resistance	up to -15°C during transportation
Temperature resistance after curing	-40°C - +90°C
Insulation value	25 – 30mW/ mK (DIN 52612)
Closed Cell	Approx 70%
Shelf life in original packaging between +5°C - +25°C	12 months

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