

TECHNICAL DATA SHEET

SX CONSTRUCTION SILICONE

A fast curing construction grade silicone that conforms to **ISO 11.600 G20-LM**

USES: Ideal for a wide variety of general building and glazing trade applications. Adheres to many common building materials. Uses include exterior construction dilation joints, glass butt joints, perimeter pointing, sealing around PVCu, cap beading, sealing cladding panels, sealing around worktops.

COLOURS: White, Clear, Brown, Black, Grey, Bronze

PACKAGING: 310ml cartridge packed 1 x 25
600ml foil pack packed 1 x 12 (White only)

PREPARATION

Surfaces must be clean, dry and dust free.

APPLICATION

Gun silicone firmly into joint to provide a solid fill. If required use masking along edges, removing within 10 minutes of application.

FINISHING

Always tool using a spatula or stick wetted with neutral soapy water within 5 minutes of application. It is the user's responsibility to dispose of all packaging correctly.

HEALTH & SAFETY

Avoid contact of uncured sealant with eyes. If contact occurs wash thoroughly with water. If irritation persists seek medical advice. Wear gloves when using. Keep out of reach of children. Use only in well ventilated areas. Do not take internally. Safety Data Sheet available for professional user on request.

SX CONSTRUCTION SILICONE TECHNICAL DATA SHEET CONTINUED

LIMITATIONS

On porous surfaces priming is advised. Not suitable for use with Aquaria. Not suitable for continuous water immersion. Not recommended for application on concrete, natural stones, marble, lead, copper, galvanised steel, PE, PP, Teflon and bituminous surfaces. Adhesion tests prior to the application are recommended.

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, and as application methods are out of our control it is the users responsibility to determine suitability of use.

TECHNICAL DATA	DIMENSION	SX CONSTRUCTION SILICONE	SX CONSTRUCTION SILICONE BRONZE
Basis		acetoxo	acetoxo
Application temperature	°C	+5/+40	+5/+40
Application rate 3mm/6,3 bar	g/min	150	170
Flow ISO 7390	mm	<2	<2
Density	g/ml	1,035	1,04
Skin over time 23°C/55%RF	min	10	5 - 10
Frost resistant till -15°C during transport		yes	yes
Shelf life stored between +5°C / +25°C	months	12	12
Paintable after curing		no	no
Joint movement capability	%	+/-25	+/-25
Temperature resistance after curing	°C	-50/+180	-50/+180
<i>Mechanical properties</i>			
<i>2mm film</i>			
Shore-A hardness (3 s) DIN 53505		18	20
100% modulus DIN 53504	Mpa (N/mm ²)	0,3	0,4
Tensile strength DIN 53504	Mpa (N/mm ²)	1,8	1,8
Elongation at break DIN 53504	%	650	600
Minimum joint width		4mm	4mm
Maximum joint width		25mm	25mm

QUANTITY ESTIMATOR

Width x depth of joint x length (in linear metres) of joint, divide this by the volume of tube in ml = number of cartridges required.

For full health and safety data information, please contact our technical department by telephone or email to technical@siroflex.co.uk