

# TECHNICAL DATA SHEET

## SX GLAZING SILICONE

A High Modulus Acetoxy Curing Silicone Sealant that **Conforms to ISO 11600 F&G 20 LM.**

### USES

For general purpose applications in glazing and where adhesion to non-porous surfaces is required, including top sealing in glazing, sealing metal cladding and curtain walling.

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

**PACKAGING:** 310ml cartridge packed 1 x 25

### PREPARATION

Surfaces must be clean, dry and totally dust free. On porous surfaces priming may be required. Where difficult substrates are encountered a small test should be carried out. When using in remedial applications remove all old silicone first with SX Silicone Remover.

### APPLICATION

Gun silicone firmly into joint to provide a solid fill. If required use masking tape along edges, removing within 5 minutes of application. When used in butt glazing the sealant should only be allowed to form a bond to two surfaces. Tack free in approximately 30 minutes.

### FINISHING

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

### HEALTH & SAFETY

Keep out of reach of children. Safety data sheet available for professional user on request. Dispose of empty packaging correctly.

## SX GLAZING SILICONE TECHNICAL DATA SHEET CONTINUED

### LIMITATIONS

Among others not suitable for application on concrete, marble, lead, copper and galvanised steel. Not suitable for use on PE, PP, Teflon and bituminous surfaces. Not suitable for the bedding of double glazed units. Not suitable for aquaria. Adhesions tests prior to application are recommended. 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, and as application methods are out of our control it is the users responsibility to determine suitability of use.

TECHNICAL DATA	DIMENSION	SX GLAZING SILICONE
Basis		acetoxo
Application temperature	°C	+5/ +40
Application rate	3mm/ 6,3 bar	g/ min
Flow	ISO 7390	mm
Density		g/ mm
Skin over time	23°C/ 55% RF	min
Frost resistant till -15°C during transport		yes
Shelf life between +5°C and +25°C	month	24
Paintable after curing		no
Joint movement capability	%	+ 25
Temperature resistance after curing	°C	-50/ +180
<b><i>Mechanical properties 2mm film</i></b>		
Shore-A hardness (3 s)	DIN 53505	18
100% Modulus	DIN 53504	MPa (N/ mm <sup>2</sup> )
Tensile strength	DIN 53504	MPa (N/ mm <sup>2</sup> )
Elongation at break	DIN 53504	%
<b><i>Joint dimensions</i></b>		<b><i>depth</i></b>
Minimum joint width	4mm	
Maximum joint depth	25mm	
	4-8mm	6mm
	10-12mm	8mm
	14-16mm	10mm
	18-20mm	12mm
	22-24mm	14mm

### 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.

Full health and safety data information can be downloaded from [www.siroflex.co.uk](http://www.siroflex.co.uk).