

TECHNICAL DATA SHEET

SX L.M.A. SILICONE

A Multi Purpose Low Modulus Construction Grade One Part Silicone Rubber Sealant that provides a permanently watertight flexible rubber seal on most common building substrates.

Conforms to ISO 11600 F&G 20 LM.

USES

For sealing around window and door frames. Cap glazing and remedial work. For sealing glass to glass, glass to aluminium and sealing cladding.

COLOURS: White, Clear, Brown, Black, Grey, Oak/Caramel

PACKAGING: 310ml cartridge packed 1 x 25

PREPARATION

Surfaces must be clean, dry and dust free. Glass surfaces should be cleaned with a conventional glass cleaner, such as SX Glass Cleaner. Old silicone can be removed using SX Silicone Remover.

APPLICATION

Cut the cartridge seal and screw on the nozzle which should be cut to your required size. Using a skeleton gun, apply the sealant into the gap or joint ensuring a good solid fill. If required use masking tape along edges removing within 5 minutes of application.

FINISHING

Always tool down 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

Safety data sheet available for professional user on request. Dispose of empty packaging correctly.

SX L.M.A. SILICONE TECHNICAL DATA SHEET CONTINUED

LIMITATIONS

Among others not recommended for application on concrete, marble, lead, copper, galvanized steel, PE, PP, Teflon and bituminous surfaces. Not suitable for aquaria. Not suitable for use on some PVCu. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability. Store between +5°C and +25°C in cool dry conditions.

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 users responsibility to determine suitability of use.

TECHNICAL DATA	DIMENSION	SX LMA SILICONE	SX LMA OAK/ CARAMEL
Basis		acetoxo	acetoxo
Application temperature	°C	+5/ +40	+5/ +40
Application rate	3mm/ 6,3 bar	g/min	150
Flow	ISO 7390	mm	<2
Density		g/ml	1,035
Skin over time	23°C/ 55% RF	min	10
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	±25
Temperature resistance after curing	°C	-50/ +180	-40/ +120
<i>Mechanical Properties</i>			
<i>2mm film</i>			
Shore-A hardness (3s)	DIN 53505		18
100% Modulus	DIN 53504	MPa (N/mm ²)	0,3
Tensile strength	DIN 53504	MPa (N/mm ²)	1,8
Elongation at break	DIN 53504	%	650

<i>Joint dimensions</i>	width	depth
Minimum joint width	4 mm	
Maximum joint width	25 mm	
Joint connection	4-8 mm	6 mm
	10-12 mm	8 mm
	14-16 mm	10 mm
	18-20 mm	12 mm
	22-24 mm	14 mm

QUANTITY ESTIMATOR

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

Full health and safety data information can be downloaded from www.siroflex.co.uk.