

TECHNICAL DATA SHEET

SX BUILDING SILICONE

A Low Modulus Neutral Curing Silicone that conforms to **ISO 11600 F&G25 LM**.

USES

For the sealing of construction and dilation joints and perimeter pointing around all types of frames. Suitable for the bedding of double glazed units. Adheres to most common building materials without the need of priming such as brick, PVCu, polycarbonates, concrete, painted wood, glass, aluminium and many other metals. Accommodates joint movement of + or - 25%.

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

PACKAGING: 310ml cartridge packed 1 x 25

PREPARATION

Surfaces must be clean, dry and dust free. When used in remedial applications remove all old sealant by using Zwaluw Silicone Remover.

APPLICATION

Cut the cartridge seal and screw on the nozzle which should be cut to the required size. Using a skeleton gun apply the sealant into the gap or joint ensuring a good solid fill making sure that no air is trapped behind. If required place masking tape along joint edges, removing within 5 minutes of application.

FINISHING

Always tool off within 5 minutes using a spatula or stick wetted with neutral soapy water. In deep or through joints backer rod or SX Foam should be used to reduce joint depth to 50% of joint width. It is the user's responsibility to dispose of all packaging correctly.

HEALTH AND SAFETY

Contains 2-butanonoxim. May cause an allergic reaction. Safety data sheet available for professional user on request. Keep out of the reach of children. Do not take internally. Avoid contact of uncured sealant with eyes. Dispose of empty packaging correctly.

SX BUILDING SILICONE TECHNICAL DATA SHEET CONTINUED

LIMITATIONS

Among others not recommended for use on PMMA, PE, PP, Teflon and bituminous surfaces and wax or paraffin containing surfaces. Not suitable for use with aquaria or for continuous water immersion. Application in an un-ventilated area which is closed from UV light could lead to yellowing, this can also occur if contact is made with chemical fumes. It is the users responsibility to determine suitability. Adhesion tests prior to 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 BUILDING SILICONE
Basis		alcoxim
Application temperature	°C	+5/+40
Application rate	3mm/6,3 bar	150
Flow	ISO 7390	<2
Density	g/ml	1,03
Shrinkage	% g/g	<5
Skin over time	23°C/55%RF	15
Frost resistant till -15°C during transport		yes
Shelf life stored between +5°C / +25°C	months	12
Paintable after curing		no
Joint movement capability	%	+/-25
Temperature resistance after curing	°C	-50/+120
Mechanical properties		
2mm film		
Shore-A hardness (3 s)	DIN 53505	16
100% modulus	DIN 53504	0,30
Tensile strength	DIN 53504	1,0
Elongation at break	DIN 53504	400
Joint dimensions		
Minimum joint width	width 4 mm	depth 6 mm 8 mm 10 mm 12 mm 14mm
Maximum joint width	25 mm	
Joint connection	4-8 mm	
	10-12 mm	
	14-16 mm	
	18-20 mm	
	22-24 mm	

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

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