

TECHNICAL DATA SHEET

SX BUILDING SILICONE 310ML

A premium grade low modulus neutral curing silicone. It has excellent adhesion to most common building materials. Has excellent resistance to UV, water and weather and is non corrosive towards metals.

USES - For the sealing of construction and dilation joints in concrete and brickwork, connection joints, curtain wall constructions, glazing systems, kitchens, bathrooms, showers and industrial applications as well as perimeter pointing around most types of frames. Suitable for the bedding of double glazed units and cap beading subject to compatibility tests. Can also be used on swimming pools. It has excellent adhesion without a primer to seal assemblies of glass, glazed surfaces, aluminium and many other metals, unplasticised plastics such as polyester, rigid polystyrene, ABS, most PVCu and painted wood. Accommodates joint movement of + or - 25%.

COLOURS: White, Clear, Brown, Black, Grey

PACKAGING: 310ml cartridge (packed 1 x 25)

DIRECTIONS - Surfaces must be clean, dry and solid. 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. Always tool using a spatula or stick wetted with neutral soapy water within 5 minutes of application. In deep joints reduce the joint depth to 50% of the joint width using expanding foam or joint backer rod.

HEALTH AND SAFETY - This product contains a preservative against microbial deterioration. Contains: 2-octyl-2Hisothiazol-3-one (CAS: 26530-20-1). Contains 2-butanone oxime, 3-aminopropyltriethoxysilane. May produce an allergic reaction. Safety data sheet available on request. Keep out of the reach of children. Do not take internally. Use only in well ventilated areas. If after inhalation one feels unwell then supply fresh air. After any skin contact wash off immediately. After eye contact wash open eye for several minutes under running water. If any symptoms persist consult a doctor and take the cartridge with you. Dispose of empty packaging responsibly.

LIMITATIONS - Among others not recommended for use on PE, PP, PC, PMMA, PTFE, neoprene and bituminous surfaces. Not suitable for use with aquaria. Application in an un-ventilated area which is closed from UV light could lead to yellowing. Yellowing can also occur if contact is made with chemical fumes. Adhesion tests prior to application are recommended. It is the user's responsibility to determine suitability. Store in unopened original packaging between +5° 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 that it's products may be put to and as application methods are out of our control, it is the user's responsibility to determine suitability of use.

TECHNICAL DATA	DIMENSION	SX BUILDING SILICONE
Basis		Neutral Oxime
Application temperature	°C	+5 - +40
Application rate - 3mm/6,3 bar	g/min	140
Flow - ISO 7390	mm	<2
Density	g/ml	1,052
Skin over time - 23°C/55%RH	mins	8
Frost resistant up to -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 - DIN 53505		16
100% modulus	Mpa (N/mm ²)	0,30
Tensile strength	Mpa (N/mm ²)	1,22
Elongation at break	%	500
Joint dimensions	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	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.

Click [here](#) for full Health & Safety information.

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