



## Technical Data Sheet

### SX PROFESSIONALS BUILDERS SILICONE NEUTRAL CURE SILICONE



#### PRODUCT DESCRIPTION

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.

#### KEY BENEFITS

- Neutral curing
- Almost odourless- Perfect adhesion without primer on most substrates
- Excellent resistance to UV, water and weather- Non corrosive towards metals

#### APPLICATIONS

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 UPVc and painted wood. Accommodates joint movement of + or - 25%.

#### DIRECTION FOR USE

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. In deep joints reduce the joint depth to 50% of the joint width using expanding foam or join backer rod.

#### TECHNICAL SPECIFICATIONS

<b>100% Modulus</b>	DIN 53504 S2	0,27 N/mm <sup>2</sup>
<b>Application Temperature</b>		+5°C to +40°C
<b>Base</b>		Neutral oxime
<b>Application Rate</b>	@ Ø3 mm/6,3 bar	140 g/min
<b>Curing Time</b>	@ +23°C/50% RH	
<b>Density</b>	ISO 1183-1	1.02 g/ml
<b>Elongation At Break</b>	DIN 53504 S2	635%
<b>Flow</b>	ISO 7390	< 2 mm
<b>Frost Resistance</b>		Up to -15°C
<b>Joint Movement</b>		25%
<b>Shore A Hardness</b>	DIN 53505	16
<b>Skin Formation</b>	DBTM 16	7-8 minutes.+2 3°C/50% RH
<b>Temperature Resistance</b>		-40°C to +120°C
<b>Tensile Strength</b>	DIN 53504 S2	1.10 N/mm <sup>2</sup>
<b>Permeability test</b>		Up to 1050 Pa

#### LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Discoloration can occur in dark places and by contact with chemicals

#### SURFACE PREPARATIONS AND FINISHING

Surfaces must be clean, dry and solid. Adhesion tests prior to application are recommended. Always tool using a spatula or stick wetted with neutral soapy water within 5 minutes of application.

#### PAINTABILITY

This product is not paintable.

## CLEANING

Cured material can only be mechanically removed. Hands can be cleaned with SX Multi-Purpose Cleaning Wipes.

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## PACKAGING DESCRIPTION

For product specifications, please refer to the Product Detail Page.

## CERTIFICATIONS

- A+ French VOC Regulation
- ISEGA
- ASTM C920
- EN 15651-2: G-CC 25LM
- EN 15651-3: S XS1
- DIN 18545-E
- Indoor Air Comfort Gold®
- EN 1026/EN1027
- EN 15651-1: F-EXT-INT-CC 25LM



## HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

## WARRANTY & GUARANTEE

Siroflex warrants that its product complies, within its shelf life, to its specification.

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