



## Technical Data Sheet

### SX Premium Building 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.

#### 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%.

#### Directions Of 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.

#### Additional information

100 % modulus	DIN 53504 S2	0,27 N/mm <sup>2</sup>
Application rate	@ Ø3 mm/6,3 bar	140 g/min
Application temperature		+5°C to +40°C
Base		Neutral oxime
Curing time	@ +23°C/50% RH	2 mm/24 hours
Density	ISO 1183-1	1,02 g/ml
Elongation at break	DIN 53504 S2	635%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Permeability	EN 1026	an= 0,018m <sup>3</sup> /h @ 600Pa
Permeability test		Up to 1050 Pa
Shorea hardness	DIN 53505	16
Skin formation	DBTM 16	7-8 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	1,10 N/mm <sup>2</sup>

*These are typical values*



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#### 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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#### Colour(s)

- White
- Bronze
- Clear
- Black
- Anthracite

#### Packaging



- Cartridge

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

#### Shelf Life

If kept stored in a cool, dry place, in unopened original packaging, between +5°C and +25°C, shelf life is up to 12 months from production date.

#### Certifications

	A+ French VOC Regulation ASTM C-920 EN 1026/EN1027 DIN 18545-E
	ISEGA
	EN 15651-1: F-EXT-INT-CC 25LM EN 15651-2: G-CC 25LM EN 15651-3: S XS1

#### Health & Safety

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

#### Warranty & Guarantee

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

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