

TECHNICAL DATA SHEET

SX POLYSULPHIDE SEALANT

SX Polysulphide Sealant is designed to seal joints subject to movement, where a tough flexible watertight seal is required. **Conforms to BS EN ISO 11600 F 20HM**

USES

Ideal for sealing external construction joints subject to movement, pointing the perimeter joints between metal and timber window frames and masonry. Is easy to apply, has good adhesion, excellent durability and is paintable with alkydresin paints.

COLOURS: White, Grey, Black, Buff, Brown

PACKAGING: 400ml cartridge packed 1 x 25

PREPARATION

Surfaces must be clean, dry and dust free. Primers may be required on some substrates.

APPLICATION

Gun sealant firmly into joint to provide a solid fill.

FINISHING

Always tool down using a spatula or stick wetted with soapy water within 30 minutes. It is the user's responsibility to dispose of all packaging correctly.

HEALTH & SAFETY

Contains 3-GLYCIDOXYPROPYLTRIMETHOXYSILANE. May produce an allergic reaction. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This material and its container must be disposed of as hazardous waste. Dispose of empty packaging correctly.

SX POLYSULPHIDE SEALANT TECHNICAL DATA SHEET CONTINUED

LIMITATIONS

Amongst others not recommended for locations subject to continuous water immersion and not for aquaria, PE, PP, Teflon, Neoprene and bituminous surfaces. It is not recommended for vertical joints wider than 25mm or horizontal joints wider than 20mm. Not suitable for use on natural stone. Due to the wide variety of paint available on the market, paintability testing should be carried out prior to full application. Do not use on floor joints or internal situations. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability.

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	SX POLYSULPHIDE SEALANT
Typical Shore A Hardness	35
Application Temperature	+5°C to + 35°C
Service Temperature	-40°C to + 90°C
Skimming Time @ 20°C/65% RH	12 hours
Cure Time	14-28 days in an external situation depending on joint size and atmospheric conditions
Chemical Resistance	Resistant to most alkalis and dilute acids, petrol, diesel, or jet fuel and many solvents and vegetable oils
UV Resistance	Very Good
Service Life	20 years +
Movement accommodation	Butt joints (movement in tension and compression): 25%
Movement accommodation	Lap joints (movement in shear): 50%
Paintability	Yes
Shelf Life	9 months in original unopened package stored in a cool, dry place out of direct sunlight
Minimum Joint Width	6mm
Maximum Joint Width	25mm
Minimum Joint Depth (on porous substrates)	10mm
Minimum Joint Depth (on non-porous substrates)	6mm
Maximum Joint Depth	12.5mm

QUANTITY ESTIMATOR

JOINT SIZE	METRE/ LITRE
6 x 6	27.8
9 x 6	18.5
12 x 9	9.3
18 x 10	5.6
25 x 10	4.0

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