

Technical Data Sheet

SX Mighty Strength Seal & Fix Durable, flexible, adhesive and sealant



Product Description

A high quality, universal adhesive and sealant based on hybrid technology for both interior and exterior applications. Approved by ISEGA to EN 1186 and EN 13130 and CEN/TS 14234, European standards for food preparation. May be used safely in food preparation areas and cold storage. Has excellent adhesion to most non-porous surfaces, will bond to damp surfaces and is paintable with water based and two component paints. This product is based on a neutral curing system, where it cures under the influence of humidity to form a durable elastic seal and is free from isocyanates. As well as being fast curing and almost odourless, it is also non-corrosive to metals and has good resistance to UV, weather and water.

Benefits

- Excellent adhesion to most non-porous surfaces
- Will bond to damp surfaces
- Paintable with most paints
- Can be used safely in food preparation areas

Applications

Suitable for **sealing joints around sanitary fixtures, perimeter joints around window and door frames and joints and assemblies in coach body work. For gluing panels, skirting boards, thresholds and insulation materials. Will seal and bond porcelain, coated metal, epoxy and polyester panels, PVCu, stainless steel, anodised aluminium and finished wood.**

Has excellent anti-pick qualities making this product suitable for use in correctional institutions and areas where vandalism of sealant may occur.

Directions Of Use

Surfaces must be clean and sound. Cut the cartridge seal and screw on the nozzle which should be cut to your required size. Using a skeleton gun, apply the sealant into the gap or joint to provide a good solid fill. If required, place masking tape along edges, removing within 10 minutes of application. Always tool using a spatula or stick wetted with neutral soapy water within 10 minutes of application. For gluing applications, apply adhesive in vertical lines at a distance of 10-20 cm. Support the application for at least 24 hours until full curing occurs.

100 % modulus	DIN 53504 S2	1,15 N/mm ²
Application rate	@ Ø2,5 mm/6,3 bar	100-300 g/min
Application temperature		+5°C to +40°C
Base		Hybrid
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,56 g/ml
Elongation at break	DIN 53504 S2	350%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505 3 sec.	52
Skin formation	DBTM 16	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +90°C
Tensile strength	DIN 53504 S2	2,00 N/mm ²

These are typical values

Limitations

Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrate

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- Not suitable for natural stone and mirrors
- Not suitable in combination with chlorides (pools)

Surface Preparations and Finishing

Adhesion tests prior to application are recommended

Paintability

This product is paintable with most water based and two component paints. A compatibility test before application is recommended. Not paintable with alkyd resin paints.

Cleaning

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

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Colour(s)

- Brown
- White
- Black


Packaging • Cartridge and 600ml Foil

For product specifications, please refer to the Product Detail Page

Shelf Life

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months (exception for pressure pack shelf life is 12 months) when stored as recommended in original unopened packaging.

Certifications

	<p>EN 15651-1: F-EXT-INT-CC 25HM EN 15651-3: S XS3 EN 15651-4: PW-EXT-INT-CC 25HM Emission EC1 Plus ISEGA A+ French VOC Regulation LEED Emission Certificate M1</p>
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Health & Safety

Safety data sheet (MSDS) must be read and understood before use of product. These are available on request and via the Siroflex website on the product pages.

Warranty & Guarantee

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

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