

TECHNICAL DATA SHEET

SX MIGHTY STRENGTH MS POLYMER

An all-round durable, flexible adhesive and sealant based on MS Polymer technology providing excellent adhesion to non-porous surfaces and is paintable with most paints. Can be applied on damp surfaces. Tested and approved in accordance with EC Regulation No 1935/ 2004 for materials intended to come into contact with food. This product is odourless, neutral and free of isocyanates. **Conforms to ISO 11.600 F25 HM.**

USES

Suitable for sealing joints around sanitary fixtures, weatherproofing joints around windows and doors, glazing systems, joints and assemblies in coach body work. For gluing panels, skirting boards, windows, thresholds, mirrors and insulation materials. Will seal and bond glass, porcelain, coated metal, epoxy and polyester panels, polystyrene, UPVC, stainless steel, anodised aluminium and finished wood. Can also be used as a universal filler for cracks and uneven surfaces. May be used safely in the foodstuff-related sector. For example the grouting of wall and floor areas in companies which are preparing and processing foodstuffs. The solid colours have excellent anti pick qualities and therefore make this product suitable for use in correctional institutions and areas where vandalism of the sealant may occur.

COLOURS: White, Clear, Brown, Black

PACKAGING: 290ml cartridge packed 1 x 12

PREPARATION

All surfaces should be clean and dust free.

APPLICATION

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. For gluing applications, apply adhesive in vertical lines at a distance of 30cm. Support the application for 24 hours until full curing occurs.

SX MIGHTY STRENGTH MS POLYMER TECHNICAL DATA SHEET CONTINUED

FINISHING

If painting, use a water based paint. Always carry out paintability testing prior to full application. Always tool using a spatula or stick wetted with neutral soapy water within 10 minutes of application.

HEALTH AND SAFETY

Contains Bis – (1.2.2.6.6 – pentamethyl- 4-piperidyl) sebacate, N-(3-(trimethoxysilyl)propyl)ethylenediamine, N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine, Dioctyltinbis(acetylacetonate). May produce an allergic reaction. Safety data sheet available to professional user on request. Dispose of empty packaging correctly.

LIMITATIONS

Among others not recommended for application on PE, PP, Teflon and bituminous surfaces. Not suitable for underwater applications, use with aquaria or expansion joints. Not paintable with alkydresin paint. On porous surfaces such as concrete a primer is recommended. Yellowing can occur in the dark. Clear sealant is NOT suitable for use on natural stone. It is the users responsibility to determine suitability. Adhesion tests prior to application are recommended. Store between +5°C 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 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 MIGHTY STRENGTH MS POLYMER COLOURS	SX MIGHTY STRENGTH MS POLYMER CLEAR
Slump	ISO 7390	mm	<2	<2
Density		g/ml	1,53	1,6
Skin forming time	23°C/55%RH	min	10	10
Max movement allowed	ISO 9040	%	25	25
Temperature resistance after curing		°C	-40- +100	-40- +100
Shrinkage			nil	nil
Curing (24 hours)	23°C/55%RH	mm	2-3	2
<i>Mechanical properties</i>				
<i>2mm film</i>				
Hardness, Shore A	DIN 53505		60	45
Modulus, 100%	DIN 53504	MPa	1,35	1,15
Tensile strength	DIN 53504	MPa	2,20	2,40
Elongation at break	DIN 53504	%	300	250

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.

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