

## TECHNICAL DATA SHEET

### SX MIGHTY STRENGTH GRIP & GRAB ADHESIVE

An incredible instant grab adhesive based on MS polymer technology. It has initial bond strength double that of most other grab adhesives, therefore eliminating the need for secondary support on the majority of applications. Can be used internally or externally, even on damp or wet surfaces. SX Mighty Strength Grip & Grab Adhesive is solvent free, cures quickly and is water and weather proof.

#### USES

Suitable for bonding most building substrates but in particular for fixing of large panels and wallboards. Ideal for bonding brick slips, claddings and sanitary fixtures. Can also be used to fix dado rails, windowsills, decorative mouldings and thresholds to virtually any surface. Will fix and adhere to glass, wood, enamel, painted surfaces, plaster board, coated metals, Perspex, concrete, plastics, polycarbonates, PVCu, zinc, stainless steel, copper, lead, anodised aluminium, epoxy and polyester panels. An excellent alternative fixing adhesive that replaces nails screws and other mechanical fixings.

**COLOURS:** White

**PACKAGING:** 290ml cartridge packed 1 x 12

#### PREPARATION

Surfaces must be clean and dust free.

#### APPLICATION

Cut the cartridge seal and screw on the pre cut 'V' notched nozzle which must be used to ensure the correct depth of adhesive is extruded. The product by its nature is stiff to gun, so always use a good quality applicator gun such as SX Trade Revolving Caulking Gun. Apply the adhesive on one surface only in vertical strips 30cm apart. Immediately place item into position with good, even pressure to give an excellent initial grab. On extremely heavy items temporary support may be necessary during the curing process. Mechanical fixings should always be used in overhead applications.

## SX MIGHTY STRENGTH GRIP & GRAB ADHESIVE TECHNICAL DATA SHEET CONTINUED

### HEALTH AND SAFETY

Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine, N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine. 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 applications on PE, PP, Teflon and bituminous surfaces. Not recommended for continuous underwater applications or expansion joints. Yellowing may occur in the dark. Not paintable with alkyd resin paints. Porous surfaces may require a primer. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability. 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	DIMENSION	SX MIGHTY STRENGTH GRIP & GRAB ADHESIVE
Basis		MS Polymer
Application Temperature	°C	+5/ +40
Application rate	g/min	10
Flow	mm	<2
Density	g/ml	1,57
Skin over time	min	10 – 15
Curing after 24 hours	min	2 – 3
UV, weather and water resistant		yes
Frost resistant till -15°C during transport		yes
Shelf life between +5°C and +25°C	month	9
Joint movement capability	%	±25
Temperature resistance after curing	°C	-40/ +100
<b>Mechanical properties</b>		
<b>2mm film</b>		
Shore-A hardness (3s)	DIN 53505	60
100% Modulus	DIN 53504	MPa (N/mm <sup>2</sup> ) 1,4
Tensile strength	DIN 53504	MPa (N/mm <sup>2</sup> ) 2,2
Elongation at break	DIN 53504	% 350

Full health and safety data information can be downloaded from [www.siroflex.co.uk](http://www.siroflex.co.uk).