SX Mighty Strength
Grip&Grab Adhesive



TECHNICAL DATA

An incredible instant grab adhesive based on Modified Silicone 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. It 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.

SX Mighty Strength **Grip&Grab** Adhesive 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-groove 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 **Grip&Grab** recommended professional applicator gun.

Apply the adhesive on one surface only in vertical strips 200mm to 300mm 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.

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 rigorous testing 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

Basis	Modified Silicone Polymer
Application Temperature	+5/ +40 ˚C
Application rate 3mm/ 6,3 bar	10g/min
Flow ISO 7390	<2mm
Density	1,57 g/ml
Skin over time 23˚C/ 55% RF	10 – 15min
Curing after 24 hours 23˚C/ 55% RF	2 – 3mm
UV, weather and water resistant	Yes
Frost resistant till –15˚C during transport	Yes
Shelf life between +5˚C and +25˚C	18 months
Joint movement capability	+25 %
Temperature resistance after curing	-40/ +100 ˚C

MECHANICAL PROPERTIES 2mm FILM

Shore-A hardness (3s)	DIN 53505	60
100% Modulus	DIN 53504	1,4 MPa (N/mm²)
Tensile strength	DIN 53504	2,2 MPa (N/mm²)
Elongation at break	DIN 53504	35%

Full Health & Safety Data and Application Instructions can be downloaded from gripandgrabadhesive.com.au