Siroflex
Quality Performance Products



# Technical Data Sheet

## SX Mighty Strength Grip & Grab Adhesive
Ultra strength instant grab adhesive




### Product Description

An incredible, instant grab adhesive based on hybrid technology. It has initial bond strength double that of most other grab adhesives and bonds to vertical surfaces without slippage, eliminating the need for secondary support in the majority of applications. Can even be used on damp or wet surfaces, is solvent free and cures quickly. It is water, frost and heat resistant from temperatures of -40°C to +90°C meaning it can be used externally as well as internally. An excellent alternative fixing adhesive which remains flexible, that replaces nails, screws and other mechanical fixings.

### Benefits

- High initial grab - to bond heavy building materials without the use of clamps and/or fixing tape
- High strength, high E-modulus and high mechanical resistance, anti-pick and burglar proof
- Durable elasticity and fast curing
- No shrinkage and bubble free
- Non corrosive to metals
- Neutral curing, almost odourless
- Good resistance to weather and water
- Adheres perfectly without primer on most, even damp surfaces
- Free of isocyanates, solvents and silicones
- Absorbs acoustic and mechanical vibrations

### Applications

Suitable for bonding most building substrates but in particular, for fixing of large panels, wallboards and mirrors. Ideal for bonding brick slips, claddings and sanitary fixtures. Can also be used to fix dado rails, windowsills and decorative mouldings; it will adhere to virtually everything including wood, stone, mirrors, concrete, metal, mortar, bricks, gypsum and glass.

### Directions Of Use

Cut the cartridge seal and screw on the pre-cut ‘V’ notched nozzle which must be used to ensure correct depth of adhesive is extruded. We recommend that a good quality skeleton gun is used due to that, by its nature, the product is stiff to gun. Apply the adhesive on one surface only in vertical strips, approximately 10-20 cm 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.


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### Additional information

| | | |
|---|---|---|
| 100 % modulus | DIN 53504 S2 | 1,39 N/mm² |
| Application rate | @ Ø2,5 mm/6,3 bar | 10-20 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 | 1,55 g/ml |
| Elongation at break | DIN 53504 S2 | 350% |
| Flow | ISO 7390 | < 2 mm |
| Frost resistance during transportation | | Up to -15°C |
| Shorea hardness | DIN 53505 3 sec. | 55 |
| Skin formation | DBTM 16 | 10 minutes @ +23°C/50% RH |
| Temperature resistance | | -40°C to +90°C |
| Tensile strength | DIN 53504 S2 | 2,20 N/mm² |

*These are typical values*

### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for continuous exposure to water
- Not suitable for movement joints.
- Not suitable in combination with chlorides (pools)

### Surface Preparations and Finishing

Surfaces must be clean, dry and free from dust, grease and other loose material. Adhesion tests prior to application are recommended.

### Cleaning

Cured material can only be mechanically removed. Hands can be cleaned with SX Multi-Purpose Cleaning Wipes. Issue 9/05.10.18/0266.7.DB

### Colour(s)

- White

### Packaging

- Cartridge

*For product specifications, please refer to the Product Detail Page*

### Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life till 18 months after production date, stored in a dry place.

### Certifications

| | |
|---|---|
| GEV-EMICODE EC1 PLUS very low emission | Emicode EC1 Plus<br>M1<br>A+ French VOC Regulation<br>ISEGA |

### 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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