



WOOD FINISHES DIRECT

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[Siroflex SX Mighty Strength Grip and Grab Adhesive](#)



Technical Data Sheet

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



Product Description

An incredible, instant grab adhesive based on MS polymer 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 on 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.

Packaging: 290ml cartridges (packed 1 x 12). 1 pallet = 1,344 cartridges

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

Uses

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, decorative mouldings; it will adhere to virtually everything including wood, natural 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 10-20cm 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	N/mm2	1.39 Mpa
Application Rate	3mm / 4 bar	20 g/min
Application Temperature		From +5°C to +40°C
Base		Hybrid
Curing Time		2-3mm / 24 hours
Density		1.57 g/ml
Elongation at Break		335%
Flow	ISO 7390	<2mm
Frost Resistance during transportation		Up to -15°C
Shore-A hardness	DIN 53505	55 Shore A
Skin Formation	23°C / 55% RH	15 mins
Temperature Resistance		From -40°C - +90°C

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, neoprene and bituminous substrates
- Not suitable for continuous water immersion
- Not suitable in combination with chlorides (pools).
- Not recommended for expansion joints.
- Not suitable as a joint sealant.
- Yellowing can occur in the dark and by contact with chemicals

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.

Issue7/29.04.16/0266.3.HS

Colour(s)

- White

Packaging

- 290ml (packed 1 x 12). 1 pallet = 1,344 cartridges

Shelf Life

Shelflife of 12 months after production date. Store in unopened, original packaging between +5°C and +25°C in cool,dry conditions.

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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