

Technical Data Sheet

SX Mighty Strength Clearbond MS

Strong, durable, flexible adhesive for internal applications



Product Description

A universal, high strength, elastic construction adhesive based on hybrid technology for internal use. The product is based on a neutral curing system and is free from isocyanates. As well as being fast curing and odourless it is also non-corrosive to metals. Has good adhesion to most non porous surfaces even when damp.

Benefits

- Durable, permanently elastic
- Universal bonding for interior use
- Fast curing
- Free of isocyanates, solvents and silicones
- No shrinkage and bubble free
- Good resistance to water
- Adheres perfectly without primer on most, even damp surfaces
- Neutral curing, almost odourless
- Sandable once fully cured
- Non corrosive towards metals
- High mechanical resistance and E-modulus
- Absorbs acoustical and mechanical vibrations

Applications

Suitable indoor for gluing panels, skirting boards, thresholds and insulation materials. Will bond many substrates including porcelain,

coated metal, epoxy and polyester panels, polystyrene, PVCu, stainless steel, anodised aluminium and finished wood.

Directions Of Use

Cut the cartridge seal and screw on the nozzle which should be cut to your required size. Using a skeleton gun, apply the adhesive in vertical lines at a distance of approximately 10-20 cm. Support the application for at least 24 hours until full curing occurs.

Additional information

| | | |
|--|-------------------|---------------------------|
| 100 % modulus | DIN 53504 S2 | 1,15 N/mm ² |
| Application rate | @ Ø2,5 mm/6,3 bar | 150-300 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 | 1,06 g/ml |
| Elongation at break | DIN 53504 S2 | 450% |
| Flow | ISO 7390 | < 2 mm |
| Frost resistance during transportation | | Up to -15°C |
| Shorea hardness | DIN 53505 | 45 |
| Skin formation | DBTM 16 | 10 minutes @ +23°C/50% RH |
| Temperature resistance | | -40°C to +90°C |
| Tensile strength | DIN 53504 S2 | 3,20 N/mm ² |

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
- With prolonged exposure to UV radiation, products can discolour and become less UV stable
- Not suitable for movement and glazing joints
- Not suitable for natural stone and mirrors

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Surface Preparations and Finishing

Surfaces must be clean and sound. Adhesion tests prior to application are recommended.

Paintability

Sandable and paintable once fully cured

Cleaning

Cured material can only be mechanically removed. Hands can be cleaned with SX Multi-Purpose Cleaning Wipes.
Issue6/06.12.18/0307.4.DB

Colour(s)

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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

| | |
|---|--------------------------|
|  | ISEGA |
| | LEED |
|  | A+ French VOC Regulation |

| | |
|---|-------------------|
|  | EN 15651-1: F-INT |
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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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