



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



Technical Data Sheet

SX Mighty Strength Clearbond MS

Strong, durable, flexible adhesive for internal applications

- 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

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)

-

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
---	-------------------

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.

Disclaimer

All information in this document and in all our other publications (including electronic ones) is based on our current knowledge and experience and is the exclusive (intellectual) property of Siroflex Limited. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Siroflex Ltd's written consent. The technical information in this document serves as an indication and is non-exhaustive. Siroflex Ltd is not liable for any damage, either direct or indirect, due to (editorial) errors, incompleteness and/or incorrectness of this document. This includes, but is not limited to, incompleteness and/or incorrectness due to technological changes or any research conducted between the date of publication of this document and the date on which the product is acquired. Siroflex Ltd reserves the right to amend the wording of this document. Siroflex Ltd cannot be held liable for any damage, either direct or indirect, due to the use of the product depicted in this document. The user must read and understand the information in this document and other documents relating to the products prior to the use of the product. The user is responsible for performing all the requisite tests to make sure that the product is suitable for its intended use. We have no influence in what way the product is applied and/or any circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage. All deliveries are made exclusively in accordance with our Terms & Conditions of sale.