



Den Braven

Technical Data Sheet

SX Mighty Strength Seal & Fix

Durable, flexible, adhesive and sealant



Product Description

A high quality, universal adhesive and sealant based on hybrid technology for both interior and exterior applications. Approved by ISEGA to EN 1186 and EN 13130 and CEN/TS 14234, European standards for food preparation. May be used safely in food preparation areas and cold storage. Has excellent adhesion to most non-porous surfaces, will bond to damp surfaces and is paintable with water based and two component paints. This product is based on a neutral curing system, where it cures under the influence of humidity to form a durable elastic seal and is free from isocyanates. As well as being fast curing and almost odourless, it is also non-corrosive to metals and has good resistance to UV, weather and water.

Benefits

- Excellent adhesion to most non-porous surfaces
- Will bond to damp surfaces
- Paintable with most paints
- Can be used safely in food preparation areas

Applications

Suitable for sealing joints around sanitary fixtures, perimeter joints around window and door frames and joints and assemblies in coach body work. For gluing panels, skirting boards, thresholds and insulation materials. Will seal and bond porcelain, coated metal, epoxy and polyester panels, PVCu, stainless steel, anodised aluminium and finished wood. Has excellent anti-pick qualities

making this product suitable for use in correctional institutions and areas where vandalism of sealant may occur.

Directions Of Use

Surfaces must be clean and sound. Cut the cartridge seal and screw on the nozzle which should be cut to your required size. Using a skeleton gun, apply the sealant into the gap or joint to provide a good solid fill. If required, place masking tape along edges, removing within 10 minutes of application. Always tool using a spatula or stick wetted with neutral soapy water within 10 minutes of application. For gluing applications, apply adhesive in vertical lines at a distance of 10-20cm. 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	100-300 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	1,56 g/ml
Elongation at break	DIN 53504 S2	350%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505 3 sec.	52
Skin formation	DBTM 16	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +90°C
Tensile strength	DIN 53504 S2	2,00 N/mm ²

These are typical values



Den Braven

Bostik Singapore
1 Science Park Road, #04-01/5 The Capricorn, 117528 Singapore
T +65 6419 9161 | E

25-04-2024
11:37:51
CEST



Den Braven

Technical Data Sheet

SX Mighty Strength Seal & Fix

Durable, flexible, adhesive and sealant

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for natural stone and mirrors
- Not suitable in combination with chlorides (pools)

Surface Preparations and Finishing

Adhesion tests prior to application are recommended

Paintability

This product is paintable with most water based and two component paints. A compatability test before application is recommended. Not paintable with alkyd resin paints.

Cleaning

Cured material can only be mechanically removed. Hands can be cleaned with SX Multi-Purpose Cleaning Wipes.

Issue19/29.04.16/0271.3.HS

Colour(s)

- Black
- Brown
- White

Packaging

- Cartridge

For product specifications, please refer to the Product Detail Page

Shelf Life

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months (exception for pressure pack shelf life is 12 months) when stored as recommended in original unopened packaging.

Certifications

	EN 15651-1: F-EXT-INT-CC 25HM EN 15651-4: PW-EXT-INT-CC 25HM
--	---

	EN 15651-3: S XS3 Emission Certificate M1
	Emicode EC1 Plus
	ISEGA
	A+ French VOC Regulation

Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

Warranty & Guarantee

Bostik 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 Bostik. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Bostik written consent. The technical information in this document serves as an indication and is non-exhaustive. Bostik is not liable for any damage, either directly or indirectly, 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. Bostik reserves the right to amend the wording of this document. Bostik cannot be held liable for any damage, either directly or indirectly, due to the use of the product(s) 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 whatsoever. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.