Siroflex
Quality Performance Products



Technical Data Sheet

SX Premium Polyflex HM Polyurethane

One component moisture curing high-modulus polyurethane



Product Description

A one component, moisture curing, paintable, high modulus polyurethane sealant and adhesive. It has excellent adhesion to most building substrates and is fast curing with permanent and durable elasticity.

Benefits

- High mechanical performances
- Permanently elastic
- Paintable

Applications

For interior and exterior waterproof joints in building and metal constructions. For gluing, sealing, mounting and anchoring in building applications. For use in metal and mechanical construction, ship building and container sealing joints, refrigeration plants, automotive, caravan, mobile home, aircraft and the railway industry.

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 sealant firmly into the gap or joint ensuring a good solid fill. If required place masking tape along edges, removing within 10 minutes of application.

Additional information

100 % modulus	ISO 8339	± 0,70 N/mm2
Application temperature		+5°C to +40°C
Base		Polyurethane
Curing time	@ +23°C/50% RH	± 3mm/24 hours
Density	ISO 1183-1	± 1,23 g/ml
Elongation at break	ISO 8339	± 450%
Flow	ISO 7390	< 3mm
Frost resistance during transportation		Up to -15°C
Shearing strength	ISO 4587	± 1,4 N/mm2
Shorea hardness	ISO 868	± 45
Shrinkage	ISO 10563	<10%
Skin formation	@ +23°C/50% RH	70 minutes
Temperature resistance		-30°C to +70°C

These are typical values

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable in combination with chlorides (pools)
- Slight yellowing may occur when white sealant is exposed to ultraviolet rays

Surface Preparations and Finishing

Surfaces must be clean, dry and free from dust, grease and other loose material. Priming is not usually necessary. Adhesion tests prior to application are recommended. Always tool using a spatula or stick wetted with soapy water within 10 minutes of application.

Paintability

This product can be painted with water based and two component paints.

Siroflex
Quality Performance Products



Technical Data Sheet

SX Premium Polyflex HM Polyurethane

One component moisture curing high-modulus polyurethane

Cleaning

Uncured material and tools can be cleaned by using SX Multi-Purpose Wipes. Cured material can only be mechanically removed. Hands can be cleaned with SX Multi-Purpose Cleaning Wipes.
Issue12/31.5.18/0256.4.DBF

Colour(s)

- Grey
- Black
- White

Packaging

- Cartridge
- Foil

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 12 months after production date, stored in a dry place.

Certifications

	A+ (Eurofins ISO 16000) NF P 85-610
CE	EN 15651-1: F-EXT-INT-CC 25HM EN 15651-4: PW-EXT-INT-CC 20HM

Health & Safety

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

Warranty & Guarantee

Den Braven 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 Den Braven. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Den Braven's written consent. The technical information in this document serves as an indication and is non-exhaustive. Den Braven 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. Den Braven reserves the right to amend the wording of this document. Den Braven 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 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 general terms of conditions which have been filed at the Dutch Chamber of Commerce.