

OTHER PRODUCTS

SIGILFLEX[®] MS

Uv-resistant sealant based on ms polymer

Sigilflex MS is used to seal expansion joints on internal or external concrete floors, fill structural cracks or bond different materials (steel, galvanized steel, aluminum, anodized aluminum, wood, glass, concrete, PVC and ceramic).

It has very short setting times and, once dry, it does not shrink. It can also be applied vertically because it does not drip, resists the action of UV rays and atmospheric agents.

Description

One-component sealant based on silane modified polymer with the following characteristics:

- cross-linked with air humidity
- does not drip and can be applied vertically
- is free from withdrawals
- adheres to different supports: steel, galvanized steel, anodized aluminum, aluminum, wood, glass, concrete, PVC and ceramics
- has pasty consistency and very short setting times
- is free from isocyanates and solvents
- resists under the action of ultraviolet rays and atmospheric agents
- has a neutral reaction with low odour emission

Use

Sealing of expansion joints of concrete pavements inside and outside.

Filling of structural cracks.

Bonding of different materials

Support

The substrate must have a minimum compressive strength of 25 N/mm² and a tensile strength of 1,5 N/mm².

Preparation of the support

Thoroughly clean the inside of the joint or the surface on which SIGILFLEX MS is to be applied.

Remove any non-integral parts and remove any residual dust or other harmful substance.

On substrates that tend to flour and on damp supports apply suitable primer

Application

SIGILFLEX MS is supplied in 290 ml cartridges and 600 ml pack.

The product should be applied using the appropriate tool, manual or air compressed.

Product for professional use, the buyer undertakes to follow the above warnings in the application of the purchased product and the instructions in the safety data sheet.



Technical specifications

PRODUCT DATA	
Colour	White, grey, black
Odour	Weak

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SIGILFLEX[®] MS • Technical sheet • 25/03/2026

Sivit S.r.l.

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Sistema di gestione conforme alle ISO 9001:2015 – ISO 14001:2015 – ISO 45001:2018

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PRODUCT DATA

Specific gravity (at 25°C)	1.55 g/ml
Viscosity (at 25°C)	Pasty product
Dry residue	55%
Solvent for cleaning tools	UNI Solvent
Storage	12 months, store in a dry place at a temperature between 5°C and 30°C

APPLICATION DATA AND TIMING

Dust free (50% R.H.)	at 5°C 60-80 min at 2 °C 15-20 min at 3 °C 10-12 min
Hardening in depth (50% R.H.)	at 20°C 24 hours for thickness of 3-4 mm
Volumetric shrinkage	Negligible
Environmental conditions of use	Temperatures between +5°C and +35°C

TECHNICAL PERFORMANCE DATA

Bending at break (ISO 8339)	500% after 7 days (at 20°C and 50% R.H.)
Breaking modulus (DIN 53504)	1,3-1,5 Mpascal
Tensile strength (DIN 53504)	2,5-3,0 MPascal
Hardness (DIN 53505)	60 Shore A

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