



SuperFix

Construction adhesive and sealant

Product

Simson SuperFix is a solvent free, elastic construction adhesive based on Silyl Modified Polymer (SMP). SuperFix can also be used as a sealant.

Applications

SuperFix is both an adhesive and sealant. SuperFix has an excellent adhesion on most building materials, is permanently elastic, super strong and can be applied in both indoor and outdoor applications (water- and UV-resistant).

Because of this SuperFix is suitable for various types of bonding on substrates of wood, brick, concrete, metal and many plastics. Because of its gap filling properties bonding on rough substrates is also possible. Furthermore SuperFix is extremely suitable for sealing seams, connecting- and expansion joints. Can be painted over with most alkyd resin paints and water based paints.

Features

- Suitable for both bonding and sealing.
- Very good adhesion to most building materials.
- Can be applied even on lightly damp substrates.
- Solvent- and isocyanate free.
- Very strong.
- Permanently elastic.
- Does not cause corrosion on metals.
- For both indoor and outdoor applications.
- UV- and weather resistant.
- Compatible with most alkyd resin paints and water based paints.
- Suitable for natural stone.

Method of use

Bonding:

Substrate: The substrate must be solid and free from loose particles. The substrate may even be lightly moist (not soaking wet).

Pre-treatment: The substrates must be clean, preferably dry, dust- and grease free. For very porous substrates we recommend the use of primer.

Application: Apply SuperFix in dots/dollops or beads on one of the surfaces.

Open time: Join both surfaces as quickly as possible but at the latest within 15 minutes (depends on temperature and relative humidity). Adjustment is still possible, after this press firmly.

Curing time: The adhesive bond can be loaded after 24 hours.



SuperFix

Sealing:

Substrate: Joints must be clean, dry, dust- and grease free.

Pre-treatment: Deep joints can be filled with Simson Backing Foam. For very porous substrates we recommend the use of primer.

Application: Apply SuperFix equally into the joint and smoothen the joint with a joint trowel or wooden spatula. A light soap solution prevents the sealant from sticking to the tools. Avoid soap solution from penetrating between sealant and joint edges because of possible loss of adhesion.

Cleaning: Fresh adhesive / sealant remains can be cleaned with Simson Cleaner 14. cured product can only be removed mechanically.

Technical data

Basic material	silyl modified polymer (SMP)		
Components	1		
Specific gravity	approx. 1.4 g/ml		
Solvent contents	0%		
Isocyanate content	0%		
Shore A	approx. 55		
Tensile strength	approx. 2.6 N/mm ²	(DIN 53504/ISO 37)	
Elongation at break	approx. 200%	(DIN 53504/ISO 37)	
Skin formation (start)	approx. 10 minutes		
Curing time	approx. 3 mm / 24 hrs		
Max. movement accommodation	approx. 15%		
Application temperature	do not apply below +5°C		
Temperature resistance	-40°C till + 100°C		
Moisture resistance	good		
Frost stability	not sensitive to frost		

Colour	Packaging	Article code
white	cartridge 290 ml	134944
grey	cartridge 290 ml	134713
black	cartridge 290 ml	134765

Storage stability

Store cool and dry in closed packaging between +5°C and +30°C. Can be stored for 18 months. Opened packaging has limited shelf life.

Further information

The following publication is available on request:

- Material Safety Data Sheets (MSDS)

The Netherlands

Bostik B.V.
's-Hertogenbosch
Tel: +31 (0) 73 6 244 244
Fax: +31 (0) 73 6 244 344

Belgium

S.A. Bostik Belux N.V.
Bruxelles
Tel: +32 (0) 2 370 20 69
Fax: +32 (0) 2 332 29 01

Germany

Bostik GmbH
Borgholzhausen
Tel: +49 (0) 54 25/8 01-0
Fax: +49 (0) 54 25/80 11 40

Italy

Mydrin S.r.l.
Milano
Tel: +39 02 59918.1
Fax: +39 02 59918.815

Scandinavia

Bostik AB
Helsingborg
Tel: +46 (0) 42 19 50 00
Fax: +46 (0) 42 19 50 60

UK

Bostik Ltd.
Stafford
Tel: +44 (0) 1785 27 27 27
Fax: +44 (0) 1785 22 26 65

France

Bostik S.A.
Paris
Tel: +33 (0) 1 47 96 94 65
Assistance technique:
Tel: +33 (0) 1 64 42 12 29