



Simson 007

Sealant and adhesive in-one

Product

Simson 007 is a universal, elastic construction adhesive and sealant in-one based on Silyl Modified Polymer (SMP).

Simson 007 does not contain solvents, plasticizers or isocyanates.

Applications

Simson 007 is suitable for both sealing and bonding applications. Simson 007 is suitable for seam sealing, sealing of connection- and expansion joints and can be over-painted very well with most alkyd resin paints and water based paints. Simson 007 has an outstanding adhesion on e.g. glass, glazed substrates, metals, painted substrates, polystyrene, various plastics (u-PVC, polyester, epoxy), tile-work and pre-treated surfaces of wood, gypsum, brick and concrete.

Therefore Simson 007 is very suitable for various bonding applications even on rough substrates. Simson 007 is permanently elastic, strong and can be applied in both indoor and outdoor applications (water- and UV-resistant).

Features

- Bonding and sealing.
- Good adhesion on many building materials.
- Solvent- and isocyanate free.
- Strong.
- Permanently elastic.
- For both indoor and outdoor applications.
- Water- and UV-resistant.
- Compatible with most alkyd resin- and water based paints.
- Temperature resistant from -40°C till $+100^{\circ}\text{C}$.
- Suitable for natural stone.
- Good mould resistance.

METHOD OF USE

Sealing:

Substrate: Joints must be clean, dry, dust- and grease free, solid and free from loose particles.

Pre-treatment: Deep joint can be filled with Simson Backing Foam. For very porous substrates a primer is advised.

Application: Apply Simson 007 equally in the joint and smoothen with a joint trowel or spatula. Tools can be moistened with water for an easier application.

Cleaning: Fresh adhesive remains can be cleaned with Simson Cleaner 14. Cured adhesive can only be removed mechanically.



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Bonding:

Substrate: Substrate must be solid and free from loose particles.

Pre-treatment: The materials which have to be bonded must be clean, dry and dust- and grease free. For very porous substrates we advise the use of primer.

Application: After application of Simson 007 in dots or beads on one surface joint both parts immediately. The material now still can be adjusted, after this press firmly.

Curing time: In normal circumstances the adhesive bond can be loaded after 24 hours.

Note: In case of doubts consult Bostik.

Technical data

Basic material	silyl modified polymer (SMP)		
Components	1		
Solvent content	0%		
Isocyanate content	0%		
Shore A	approx. 52		
Specific gravity	approx. 1.45 g/ml		
Tensile strength	approx. 2.3 N/mm ²	(DIN 53504/ISO37)	
Elongation at break	approx. 250%	(DIN 53504/ISO37)	
Skin formation (begin)	approx. 15 minutes	(at 20°C/50% RH)	
Curing speed	approx. 3 mm/24 hrs	(at 20°C/50% RH)	
Max. movement allowance	20%		
Application temperature	+5°C till +35°C		
Temperature resistance	-40°C till +100°C, temporary +180°C (max. 30 minutes)		
Moisture resistance	good		
Frost stability	not sensitive to frost		

Colour	Packaging	Article code
white	cartridge 290 ml	138591
white	sausage 400 ml	138592
jasmine	cartridge 290 ml	135472
grey	cartridge 290 ml	138667
black	cartridge 290 ml	138675
brown	cartridge 290ml	131906

Storage stability

Store in unopened packaging in dry conditions 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 Sheet (MSDS)

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