



# Mirrocol

## Product

Simson Mirrocol is an elastic adhesive, based on Silyl Modified Polymer (SMP), specially designed for bonding mirrors. Mirrocol does not contain solvents or isocyanates.

## Applications

Mirrocol is specifically suited for bonding mirrors as the adhesive does not affect the mirrors and has an excellent adhesion to a great variety of building materials.

- Fixing mirrors in sanitary rooms on tiled walls, plastered walls and doors.
- Fixing mirrors (no safety mirrors) on concrete walls, gypsum walls or metal substrates in shops, offices, discos etc.
- Fixing mirrors on sloping walls.

## Features

- Elastic adhesive.
- Odourless.
- Good adhesion on many building materials.
- Solvent- and isocyanate free.
- Very good adhesion properties.
- Does not affect mirrors.
- Good (primerless) adhesion on glass silver mirrors (complying to EN 1036).

## Method of use

**Substrate:** The substrates should be clean, dry, dust- and grease free. The substrates should have a sufficient firm structure. The mirror should not be stuck to a wet or humid substrate. In such a case wooden laths should first be applied as a support construction, to stick the mirror on.

**Pretreatment:** Use Simson Prep M for metal substrates and for porous substrates, such as plastering, concrete, wood and gypsum Simson Primer MSP. The bonding side of the mirror should first be degreased with Simson Liquid 1.

**Application:** When the primer is dry, apply Mirrocol with a hand- or airpressure gun. Apply beads vertically, because of the required ventilation between mirror and substrate. Do not apply the adhesive in horizontal beads or in dots. Apply Mirrocol with the special 'V-nozzle'. Distance between vertical beads should not exceed 20 cm. The mirror should be installed within 10 minutes. In order to prevent sliding of the mirror a double sided adhesive tape can be used. Mirrors with a thickness of 6 mm or more should be supported for some hours. Mirrors against sloping walls should be additionally mechanically fixed.

**Cleaning:** Uncured residues of Simson Mirrocol can be removed with Simson Cleaner 14; cured material can only be removed mechanically.

**Note:** Safety mirrors may have a special safety foil or coating on the backside. Adhesion tests must show if the adhesion on the backside of these mirrors can be guaranteed. Before bonding these mirrors the manufacturer of the mirror or Bostik should be consulted.



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### Technical data

Basic material	Silyl Modified Polymer (SMP)	
Components	1	
Specific density	1.4 g/ml	
Type	elastic	
Skinforming (start)	approx. 15 minutes	at 20°C and 50% R.H.
Curing speed	3 mm/24 hours	at 20°C and 50% R.H.
Flow resistance (25 mm)	0 mm	(20°C)
Solvent content	0%	
Temperature resistance	-35°C till +90°C	
Application temperature	+5°C till +35°C	
Usage	approx. 1 cartridge per m <sup>2</sup> mirror	

**Colour**  
grey

**Packaging**  
cartridge 290 ml

**Article code**  
133690

### Storage stability

Can be stored for 18 months in closed (unopened) container in a dry, well-ventilated place at temperatures between +5°C and +30°C. Opened cartridge has a limited shelf life.

### Further information

The following publication is available on request:

- Material Safety Data Sheets (MSDS)

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