



# VitrA Fix SM 910

## Acetic - shower cabin silicone

### DESCRIPTION

It is a one-component, moisture curing, acetoxy-based, solvent-free silicone sealant. It contains 100% polymer. Does not collapse after application. Does not form pores while drying. Resistant against fungus and mold. High elasticity. Resistant to moisture, ozone and UV rays.

### AREAS OF USE

■ It is used indoors in bathrooms, joinery, kitchens and in different DIY (do-it-yourself) applications, in joints between different materials. Suitable for application on non-porous surfaces such as glazed ceramic tiles, sanitary ware, glass, washbasins, shower cabins, bathtubs, metal, non-oily wood. Not suitable for application on marble, concrete, cement based mortar and plastered surfaces.

### FEATURES

Material structure	: Acetoxy silicone
Type	: Sealant
Color	: Transparent / white
Density	: $1.03 \pm 0.03 \text{ gr/cm}^3$

### TECHNICAL PERFORMANCE

Flow rate	: 200 g/min (ISO 6927)
100% Elongation Modulus	: 0.4 Mpa (ASTM D412)
Tensile strength at break	: 180 Mpa (ASTM D412)
Elongation at break (%)	: 500 (ASTM D412)
Hardness	: 22 Shore A (ASTM D 53505)

### CONSUMPTION

■ 10-12 linear meters of application can be made with 310 ml cartridge.

### PACKAGING

■ In 310 ml plastic cartridge packages (25 pieces per box).

### STORAGE AND SHELF LIFE

■ The product should be stored out of the sun or frost.  
 ■ Shelf life is 12 months, provided that the packages are closed and kept in a dry, dry and cool (+5°C - +25°C) environment. Production date and charge number are indicated on the packaging. If the expiry date of the product has expired, it should be decided whether the product can be used according to the quality control analysis to be performed in the factory laboratory.  
 ■ The packaging should be tightly closed when not in use.

### APPLICATION FEATURES

Consistency	: does not flow
Application tool	: silicone gun
Application temperature	: +5 °C - +40 °C
Surface drying	: 10-15 min. (25 °C and 50% relative humidity)
Curing speed, 24 hours	: 3 mm (25 °C and 50% R.H.)

### SURFACE PREPARATION

■ The application surface must be clean and dry, free from residues, oil and dirt that may prevent the silicone from adhering.  
 ■ Non-porous surfaces (glass, sanitary ware, etc.) should be thoroughly cleaned with solvent type cleaning materials.  
 ■ Since the cleaning material will contain solvent, it should be dried before it evaporates from the surface and leaves no residue.  
 ■ The surface can be primed to strengthen adhesion on various substrates.

- Excellent adhesion to many surfaces
- Mold resistant, hygienic
- Does not form pores during drying
- Does not lose its properties at low and high temperatures
- Non-flowing, easy to apply and long-lasting



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## APPLICATION

- The edges of the joint should be taped for masking along the application line to prevent contamination of the silicone material to materials outside the joint.
- The end of the cartridge packaging is cut diagonally (at a 45° angle) at the appropriate tip thickness, taking into account the joint width. **VitrA Fix SM 910** is applied with a silicone gun. The appropriate amount of silicon is sprayed on the surface along the joint line.
- The silicone surface is smoothed with a silicone spatula or silicone pencil without forming a crust.
- After application, masking tapes are removed from the surface. Dried silicone residues can be cleaned with solvent cleaning materials.

## PRECAUTIONS

- Avoid contact with marble, cement-based products and natural stones; staining may occur.
- Avoid contact with metal (lead, copper, brass, zinc, etc.) surfaces due to corrosion risk.
- Do not use with organic elastomers such as EPDM, APTK and Neoprene; may cause discoloration.
- Not for bonding glossy surfaces together.
- Not suitable for filling, insulation or bonding in aquariums.
- Cannot be painted over.
- Curing time of silicone is prolonged in low temperature, high humidity and low air circulation environments.

## SAFETY INSTRUCTIONS

- Protective gloves should be worn during application. Avoid direct contact of the mixture or components with the skin and wash with plenty of water in case of contact.
- In case of contact with eyes, rinse immediately with water and consult a doctor.
- Absolutely must not be swallowed. In case of ingestion, consult a doctor (if possible, show the packaging information).
- Products should be kept out of the reach of children.
- A doctor should be consulted when necessary.

**Note:** Technical values and application instructions are the results of our experience and tests carried out in accordance with international standards, valid at ambient conditions of 23 °C and 50% relative humidity.