SILICONE SEALANTS

VitrA Fix SM 610

General purpose, hygienic, acetic silicone sealant

DESCRIPTION

One-component, acetic, general purpose silicone sealant. It is used for sealing joints of different materials. Does not collapse after application. Does not form pores on the surface while drying. It has mold retarding properties in excessively humid and unventilated areas.

AREAS OF USE

- Washbasin, bathtub, toilet bowl, shower cabin junction details,
- Filling and sealing joints of various building elements such as glass, aluminum, steel, PVC, porcelain, etc,
- Suitable for use in corner joints of ceramic tiles in bathrooms and kitchens.

FEATURES

Material structure	: Silicone
Type	: Sealant
Color	: Transparent / white
Density	: 0.98 gr/cm³

TECHNICAL PERFORMANCE

Elongation at Break : ≥100 % (ASTM D412)
Temperature resistance : -10 °C TO +80 °C
Crusting time : 50 ± 20 minutes (23 °C and 50% R.H)
Curing speed : 2 mm/day (23 °C and 50% R.H)
Shore A hardness : 40 - 70

CONSUMPTION

- 11 mtül / 280 ml cartridge (for 3 mm joint width, 8 mm joint depth)

PACKAGING

- 280 gr, 280 ml (25 pieces per box)

STORAGE AND SHELF LIFE

- It should be stored in moisture-free, dry and protected against external weather conditions.
- Shelf life is 1 year under appropriate storage conditions.
- Opened packages should be kept tightly closed.

APPLICATION FEATURES

Application tool	: silicone gun
Application temperature	: +5 °C - +35 °C
Touch drying time	: 10 minutes
Crusting time	: 25 minutes

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 610 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

- The product should not be inhaled directly during application as acetic acid evaporation will occur in contact with air. The environment should be ventilated during application and a protective mask should be worn if necessary.
- It is recommended to use appropriate work equipment (gloves, goggles, mask, knee pads, etc.) during product application.
- Please read the Material Safety Data Sheet (MSDS) for more detailed safety information.

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.