



SILTECH



Characteristics

SILTECH is a general-purpose permanently elastic silicone sealant based on acetic acid with long-lasting, **UV** and color protection. Used for sealing, bonding of construction indoor and outdoor applications, and for sanitary sealing jobs in kitchen and bathrooms.

Key Characteristics

- Excellent adhesion on glass and most metals
- Easy application and tool-ability for the professional
- Fast Cure and quickly becomes tack-free
- Permanently flexible
- Non-sag
- Ready to use at low (+5°C) and high (+40°C) temperatures
- Fit for use in bathroom and kitchen

Adhesion

High-quality adhesive strength to glass, vitrified surfaces, metal and ceramic tiles.

Colors

SILTECH is available in the colors: Translucent, White and Black. Special colors are available on request.

Coverage

One cartridge for approx. **8 mts**, joint size **6x6 mm**

Packaging

Cartridge: 280ml. Carton Box: 25 cartridges per box. Pallets: 1200 cartridges per pallet.



Preparation & Application

Tools required: Use sealant gun to handle cartridge

Working conditions: Use only at temperatures between +5°C and +40°C.

Condition of materials: Surface should be dry, clean and free of dust, rust, and grease.

Do not use aggressive smoothing agents.

Preliminary treatment: For an efficient result, mask areas adjacent to joint with masking tape. If applicable, first fill up joint with foam backer rod.

Directions for use: Open cartridge by cutting off plastic nipple above screw thread. Attach plastic nozzle to cartridge and cut it slantwise at desired bead size. Use approved back-up material. Cut nozzle to a sharp angle and extrude with gun. Fill joint evenly with sealant and tool within **10** minutes using a wetted putty knife. Remove masking tape immediately after tooling. A surface skin will appear after approximately **15** minutes.

*Tooling time: **10-15** minutes. The curing time can be extended at lower temperature, lower humidity or by low volume of air exchange.

Restrictions on use

SILTECH GENERAL PURPOSE releases acetic acid during vulcanization, therefore it should not be used on substrates such as marble, concrete, fibrous, cement and mortar.

It should not be used with lead, copper, brass, zinc or any other metal due to corrosion.

If used with some organic elastomers like **EPDM**, **APTK** and neoprene, it may be discolored.

It should not also be used for sealing aquaria

It is not recommended for structural glazing bonding and it will cause staining if used on natural stone, such as marble, and granite.

Technical Data

Curing system	Acetoxy
Specific weight	approx. 0,96
Hardness Shore-A	20 – 25
Skinning time*	12-18 minutes
Curing time*	1 mm per day 1
Movement capability	- + 25%
Elongation at break	350%
Tensile Strength	1.3 Mpa
Elastic Recovery	>70%
Application temperature	+5°C to 40°C
Shelf life**	12 Months

*Specifications marked with an asterisk strongly depend on temperature and humidity.

** if stored under cool and dry conditions

Storage

Store in well-closed, cool and dry conditions, Store well-closed, temperature between +5°C and +27°C.

Caution: Health and Safety precautions

Uncured material may irritate eyes, respiratory system and skin. In case of contact with eyes, rinse immediately with plenty of water for approx. 10-15 min, and seek medical advice. Use only in well-ventilated places. Keep out of reach children. Safety data sheet available on request. Keep the non-cured sealant away from children. Consult the label and Material Safety Data sheets for more information.

During the application and the curing time of the sealant rooms must be sufficiently ventilated.

Disposal

The material can be disposed of together with normal waste after curing. Please consult your national regulations.

Note: We highly suggest for a test prior to application due to a wide field of application and we cannot be made responsible for any failures. These recommendations are based on our latest chemical and technical developments and supplied without liability. We reserve the right to change or improve our product.



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