



Kitchen & Bathroom Silicone

An acetoxy cure, high performance, mold-proof silicone sealant designed for gap filling and sealing in a wide range of use. It combines the advantages of outstanding adhesion to glass, marble, granite, mirror etc. and non-corrosive, odorless curing.

Advantages:

- 100% Silicone, solventless
- One component, moisture-cured
- Highly Resistant to mold formation
- Excellent primer less adhesion to numerous porous and non-porous substrates
- Excellent weather ability in direct sunlight, rain, snow and ozone
- Resistant to temperature extremes (-40°F to +356°F)
- Fast curing
- Low modulus, high elasticity
- Outstanding resistance to mildew and fungus.
- Does not crack or discolor.
- Withstands detergents, cleaning agents and chemicals.
- Acetoxy curing system.
- Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

Usage Areas:

- Sealing of connection joints

- Weather seal applications
- Glazing works
- Sanitary joints: Sealing applications in kitchens and bathrooms

How to use:

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between +41°F and +104°F.
- In order to reduce the deformations of the joints, their depth must be much less than their width, minimum dimensions are 0,2x0,2 inch, for wider joints the depth should be preferably half of the width and it is adjusted by the use of a backup material.
- After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.

Consumption (approx.):

Joint Width	0,2in	0,4in	0,5in
Joint Depth	0,2in	0,2in	0,2in
Efficiency / 10,1.oz	26,3 ft	16,4 ft	13,1 ft



Limitations:

- It should not be applied on frost and wet surfaces.
- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Releases acetic acid during curing. Therefore, it must not be used on mirrors and sensitive metals such as copper, brass and lead.
- It's not paintable.
- It should not be used for aquariums.
- Prolonged exposure to direct sunlight must be avoided because of discoloring.
- It should not be used on porous surfaces such as stone, concrete, marble or granite

Safety

Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

Shelf Life:

The shelf life is 18 months if stored in unopened-original package in a dry place.

Packaging (Weight/Volume):

10,1 oz (White, Transparent). 12pcs in a box.

Physical & Chemical Properties

Chemical Structure: Silicone Polymer

Curing System: Acetoxy

Density: 1.02 ± 0.03 g/ml

Hardness Shore A: 24-30 (ISO 868)

Tensile Strength: 56 PSI (ISO 8339)

Skin Time: 7-13 min. (73°F and 50% R.H)

Curing Rate: Min. 0,1 inch/day (73°F and 50% R.H)

Elongation at Break: ≥ 250% (ASTM D412)

Elastic Recovery: Approx. 100%

Sagging: 0 inch (ISO 7390)

Change in Volume: <5% (ISO 10563)

Service Temperature: -40°F to +356°F

Application Temperature: +41°F to +104°F