



# Universal Silicone

An acid-curing, one-component silicone sealant for a range of general sealing and glazing applications. It provides a strong adhesion and suitable for use on common non-porous building materials.

## Advantages:

- Stays permanently elastic after curing.
- Acetoxy curing system.
- Antibacterial. Mold-proof.
- Excellent adhesion to non-porous surfaces.
- Resistance to aging, cracking and discoloring.
- Resistant to many chemicals, cleaning agents and detergents.
- Can be applied in any season.
- Typical acetic smell during curing.
- Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

## Usage Areas:

- General sealing and glazing applications
- Sealing around windows and doors for insulation and gap filling.
- Sealing in DIY applications
- On bathroom, kitchen and plumbing applications.
- Connection and expansion joints on glass, porcelain, steel etc.
- Sealing electric, telephone etc. sockets and switches.

## 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 in, 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 | 0,4in   | 0,6in | 0,8in |
| Joint Depth | 0,2in   | 0,3in | 0,4in |
| Efficiency  | 19,7ft  | 8,2ft | 4,9ft |
|             | /9,8 oz |       |       |

## Limitations:

- Not recommended to use on porous surfaces like marble, natural stone, concrete etc.



- Because of acidic curing, it must not be used on mirrors and sensitive metals like copper, brazen, lead.
- It is not paintable.
- It is not suitable for aquariums.
- If exposed to direct sunlight, sealant gets yellowish because of the antibacterial property.
- Sealant needs moisture for curing therefore it shouldn't be applied in completely closed places

Curing Rate: Min. 0,1in/day (73°F and 50% R.H)  
Tensile Strength: 108-217 PSI (ASTM D 412)  
Sagging: 0 inch (ISO 7390)  
Elongation at Break: ≥350% (ASTM D412)  
Service Temperature: -40°F to +356°F  
Application Temperature: +41°F to +104°F

## 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 15 months if stored in unopened-original package in a dry place.

## Packaging (Weight/Volume):

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

## Physical & Chemical Properties

Chemical Structure: Silicone Polymer  
Consistency: Acetoxy  
Density: 0.96±0.01 g/ml  
Hardness Shore A: 15-25 (ISO 868)  
Skin Time: 8 - 20 min. (73°F and 50% R.H)