

## KITCHEN&BATHROOM SILICONE

### Description

KITCHEN&BATHROOM SILICONE is an acetoxy cure, high performance, mold-proof silicone sealant designed for gap filling and sealing in a wide range of sanitary applications.

### Properties & Features

- %100 silicone, does not contain any solvent,
- Prevents mold formation on its surface,
- Stays bright and clean thanks to its outstanding mildew and & fungus resistance,
- Low modulus, high elasticity,
- Excellent resistance to direct sunlight, rain, snow and ozone,
- Primerless adhesion to numerous porous and non-porous substrates,
- Resistant to temperature extremes (-58°F to +392°F),
- Does not crack or discolor
- Withstands detergents, cleaning agents and chemicals,
- Fast curing,
- No shrinkage,
- Acetoxy curing system.

### Fields of Application

- Sealing applications in kitchens and bathrooms.
- Sealing of connection joints.
- Weather seal application.
- Glazing works.

### Directions for Use

**Cleaning and joint preparation:** Substrates must be sound quality, clean, dry and free of dust, grease, rust and other contaminants which may affect the adhesion. Non-porous surfaces (such as aluminum, glass, etc.) must be free of any coatings and should be cleaned with a suitable solvent and thoroughly dried with a clean cloth. Porous substrates (such as concrete, brickwork, etc.) must be mechanically cleaned from loose particles or residues with a jet of compressed air, sandpaper or hard brush. Mask off joint edges with self-adhesive tape as protection from contamination.

**Backing material:** Use a polyethylene bond breaker tape or backer rod to adjust the joint depth to proper width/depth ratio and to avoid three side adhesion which restrict the

movement capability of the sealant. Backer rod must be at least wider 25% than the joint width.

**Sealant application:** Recommended application and surface temperatures: +41°F and +104°F. Cut nozzle to obtain desired bead size. Apply the sealant as evenly as possible by using professional caulking gun.

**Tooling and finishing:** Tool the joint surface with a smoothing tool ensuring the sealant a full contact to the sides and backup material into the joint before skin formation. Remove the masking tapes immediately after smoothing over the surface of the sealant.

**Cleaning:** Uncured product may be easily removed with damp sponge. Cured product must be removed mechanically. Hands can be cleaned with warm water and soap.

### Remarks & Restrictions

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Not over paintable.
- 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.
- Do not use in conjunction with bitumen asphalt, neoprene and certain organic elastomers.
- It is not suitable for food contact applications.
- Can yellow if exposed to bleach or HCl based brick cleaners whilst curing.
- Prolonged exposure to direct sunlight can cause discoloring,

### Product Information

Packaging	10.1 FL. Oz. / 300ml
Shelf Life	18 months
Storage	At cool and dry ambient. In between +41°F to +77°F.

### Technical Data

Uncured Sealant	Method / Conditions	Value
<b>Basis</b>		Silicone Polymer
<b>Curing Mechanism</b>	Acetoxy	
<b>Sagging</b>	ISO 7390	0 inch
<b>Density</b>	ISO 1183-1	8,5 ± 0,2 (lbs per gallon)
<b>Skin Formation Time</b>	Internal (73°F and 50% R.H)	7 - 13 min
<b>Drying Rate</b>	Internal (73°F and 50% R.H)	Min. 0,12"/day
Cured Sealant		
<b>Shore A hardness</b>	ISO 868	24 – 30
<b>Elastic Recovery</b>	ISO 7389	Approx. 100%
<b>Loss of Volume</b>	ISO 10563	< 5%
<b>Elongation at break</b>	ISO8339	≥%250
<b>Tensile strength</b>		≥58 psi
<b>Service temperature</b>	Ambient and surface	Between -58°F and +356°F
<b>Application temperature</b>	Ambient and surface	Between +41°F and +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.

### Disclaimer

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.