
One Part Acetic Cure Silicone Sealant

KLEBERMANN SILICONE

GLASS SEALANT PREMIUM

This multi purpose silicone sealant is a non-slump, paste-like, one component RTV designed for a wide variety of industrial sealing and adhesive applications. It cures at room temperature by reaction with moisture in the air to produce a durable, flexible silicone rubber. This sealant can be used in a number of diverse sealing and bonding applications such as space-filling rubber adhesive or formed-in-place gaskets. It has a broad serviceable temperature range. Cured material stays flexible for continuous use from -45°C (-49°F) to +150°C (302°F) for intermittent use.

Feature and Benefits

- Acetic cure system
- Fast curing one component adhesive / sealant
- Non-sag, paste consistency
- Cures to a tough and flexible rubber
- Stable and flexible at temperatures from -45°C (-49°F) to +150°C (302°F)
- Adheres to a wide range of building materials
- Excellent resistance to weathering, ultra violet radiation, vibration, moisture, ozone, temperature extreme and airborne pollutants.
- Easy to use, no mixing required
- Solvent-free
- Storage condition =< 25°

Typical Applications

This high performance acetic cure silicone sealant is suitable for a range of trade applications such as glazing and sealing. It adheres to a wide range of non-porous building materials such as glass, ceramic, fiberglass etc. It may be used to glaze and waterproof windows, doors, shop fronts, internal fixtures and fittings, skylights and etc.

Sales Specifications

<u>Char. Description</u>	<u>Specification</u>
Appearance	Pass
COLOUR	Pass
EXTRUSION RATE	250 – 500 g/min
DUROMETER-SHORE A	>= 18 Shore A
TACK FREE TIME	<=20 min
ELONGATION AT BREAK	>=300 %

Typical Properties

Specification writers : These values are not intended for use in preparing specifications

Property	Unit	Value
As supplied - tested at 25°C (77°F), 50% relative humidity		
Appearance	mm	Non-slump paste
Specific cure time	minutes	25
As cured-tested after 7 days at 25°C (77°F), 50% relative humidity		
Specific Gravity (uncured)		1.00
Durometer(Shore-A) Hardness	points	20
Ultimate tensile strength	Mpa	1.5
Ultimate elongation	&	530
Modulus at 100% elongation	Mpa	0.5
Movement capability	%	±25

APPLICATION INSTRUCTIONS

◆ SURFACE PREPARATION

Substrate surface should be thoroughly cleaned with a suitable solvent such as alcohol, xylene, or methyl ethyl ketone (MEK). Do not use soap, detergent or water. Wipe the surface dry. Sealant will not properly adhere to a wet substrate. For acrylic resin, n-hexane should be used in order to prevent solvent-cracking.

HANDLING AND SAFETY

- ◆ Wear eye protection when handling uncured sealant as it can irritate eyes. In case of eye contact, immediately flush eyes well with water and contact a physician.
- ◆ Adequate ventilation must be maintained in the work place at all times.
- ◆ Extended contact with the skin may cause irritation and should be avoided.
- ◆ Not for food contact use.

STORAGE

- ◆ Store in a cool, dry, dark place.
- ◆ Keep out of reach of children.
- ◆ Shelf life is 12 months from date of manufacture when stored in original, unopened cartridge below 25°C in a dry place.

COLORS

- ◆ Available in 3 standard colours: Transparent (clear), Black, White

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