

SINOSIL™ 9039 General Purpose Acetoxy Silicone Sealant

INTRODUCTION

SINOSIL™ 9039 is a one-component, acetoxy-cure RTV silicone sealant designed for general glazing and sealing applications. The sealant cures at room temperature upon exposure to atmospheric moisture to form a durable and permanently flexible silicone rubber.

It provides good adhesion to many common construction materials and offers reliable mechanical performance for glazing and general building sealing applications.

KEY FEATURES

- One-component, ready-to-use sealant
- Acetoxy curing system
- Good tensile strength and elasticity
- Excellent adhesion to many common construction substrates
- Suitable for glazing and general sealing applications
- Durable and flexible after curing

PHYSICAL PROPERTIES

Appearance	Uniform paste
Density (g/ml, 20°C)	0.98
Hardness (Shore A)	15 - 25
Tack-free Time (min)	8 - 20
Curing Rate (mm/day)	Min. 2.5
Elongation at break (%)	Min. 350
Tensile Strength (N/mm ²)	Min. 0.7

These values are typical and are not intended for use as specifications.

APPLICATIONS

SINOSIL™ 9039 is suitable for general glazing and sealing applications in building construction.

Typical applications include:

- Sealing of glass joints in windows and doors
- Sealing of decorative glass and interior glass assemblies
- Aquariums and glass enclosures
- Sealing for skylights and canopies
- Sealing of aluminum frames and steel structures

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- General building sealing and joint filling

HOW TO USE

Substrate Preparation

All substrates should be clean, dry and free from dust, oil, grease or other contaminants before application.

Application

Extrude the sealant onto the prepared joint and complete tooling before surface skin formation. The sealant may be applied as a bead depending on the joint design.

Curing

SINOSIL™ 9039 cures upon exposure to atmospheric moisture. Therefore, it should **not be used in fully enclosed spaces** where moisture access is limited.

Under normal conditions, the curing rate is approximately **≥2.5 mm per day**, depending on temperature and humidity.

Application is not recommended when:

- Substrate temperature exceeds **40°C**
- Substrate temperature is below **5°C**
- Surfaces are wet, oily, greasy or dusty

LIMITATIONS:

SINOSIL™ 9039 requires atmospheric moisture to cure and should not be used in fully enclosed spaces where moisture is not available.

Bleeding or staining may occur on porous substrates such as concrete, marble, granite, and other natural stones. Compatibility tests should be conducted before use on such materials.

SINOSIL™ 9039 should be stored properly before application. Contact with strong oxidizing agents (such as hydrogen peroxide) or exposure to ultraviolet light before curing may cause yellowing.

This product is **not intended for structural glazing or insulating glass applications** and is **not suitable for food-contact, medical, or**

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pharmaceutical uses.

PACKING

SINOSIL™ 9039 is typically supplied in cartridges, sausages or drums.

STORAGE

SINOSIL™ 9039 should be stored in a cool and dry place below 30°C in its original unopened container. Under recommended storage conditions, the product has a shelf life of 12 months from the date of manufacture.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. However, as the conditions and methods of use of our products are beyond our control, this information should not replace customer testing to ensure that our products are safe, effective, and fully compatible with the intended end use.

SiSiB SILICONES' sole warranty is that our products will meet the sales specifications in effect at the time of shipment. In the event of a warranty breach, your exclusive remedy is limited to either a refund of the purchase price or the replacement of any product that is shown not to meet the warranty.