

SINOSIL™ 9038 One-Component Acetoxy Silicone Sealant

INTRODUCTION

SINOSIL™ 9038 is a one-component, acetoxy-curing silicone sealant that cures rapidly at room temperature when exposed to atmospheric moisture. It provides excellent adhesion to glass, aluminum, ceramics, fiberglass, and most non-oily wood substrates. The sealant features fast curing speed, smooth extrudability, and outstanding resistance to weathering, UV light, and aging, making it ideal for general construction and sealing applications.

KEY FEATURES

- One-component system, ready to use.
- Fast curing speed and excellent extrudability.
- Superior weathering and UV resistance.
- Good adhesion to a wide range of building materials.

PHYSICAL PROPERTIES

Uncured: 50 ± 5% RH and temperature 23 ± 2°C

Performance	Limit	Typical Value
Density (g/cm ³)	0.9-1.1	1.09
Tack-Free Time (min)	Max. 180	7
Extrusion Rate (ml/min)	Min. 80	300
Tensile Modulus (MPa, 23°C)	Min. 0.4	0.7
Slump (vertical) (mm)	No slump	No slump
Flow (horizontal) (mm)	Max. 3	0
Curing Speed (mm/day)	2	3

After cured: 21 days at 50 ± 5% RH and temperature 23 ± 2°C

Performance	Limit	Typical Value
Hardness (Shore A)	10-60	36
Tensile Strength (MPa)	-	1.2
Elongation of Rupture (%)	-	200

Typical data shall not be used as product specifications.

APPLICATIONS

SINOSIL™ 9038 is suitable for a wide range of general-purpose sealing applications in construction and decoration. It is ideal for bonding and sealing joints among glass, aluminum, ceramics, fiberglass, and non-oily wood substrates in doors, windows, kitchens, bathrooms, and other interior or exterior areas requiring durable, flexible, and weather-resistant sealing.

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USAGE GUIDELINES

Before application, ensure that all substrate surfaces are clean, dry, and free from oil, dust, or loose materials. Contaminants should be removed using appropriate solvents such as acetone or isopropanol.

Apply SINOSIL™ 9038 evenly using a manual or pneumatic caulking gun, then tool the bead within a few minutes to achieve full contact and a neat finish.

Masking tape may be used to protect adjacent areas and should be removed immediately after tooling.

It is recommended to conduct a compatibility and adhesion test on the actual substrates prior to large-scale application.

LIMITATIONS:

SINOSIL™ 9038 is not recommended for structural glazing or load-bearing applications. It should not be applied on oily, wet, or frosted surfaces, nor used in totally confined spaces where moisture cannot reach the sealant for curing. Application is not suitable for substrates that may release acid or solvent vapors, and the recommended application temperature range is between 4 °C and 40 °C.

STORAGE

In the unopened original container, SINOSIL™ 9038 has a shelf life of one year in a dry and cool place, with temperature below 27°C.

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,

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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.