



Technical Data Sheet

DOWSIL™ SE 936 Sealant

Two-part silicone sealant for use as secondary sealant for insulating glass unit

Features & Benefits

- Two-part silicone sealing material excellent in ultra high modulus and self-adhesion properties
- Excellent weatherability, low temperature and high temperature resistivity
- Can be used in automated glazing systems

Composition

- Two-part
- Neutral cure (alcohol type)
- RTV silicone sealant

Applications

- DOWSIL™ SE 936 Sealant is intended for use as secondary sealant in insulating glass unit.
- This sealant is especially suitable for the following applications:
 - Insulating glass units for residential and commercial buildings
 - Insulating glass units where high heat or high humidity may be encountered

Typical Properties

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

Test	Property	Unit	Result	
			DOWSIL™ SE 936 Sealant (normal)	DOWSIL™ SE 936 Sealant (fast cure)
	Base: as supplied			
	Color and consistency		White paste	White paste
	Specific gravity	g/cm ³	1.50	1.50
	Curing agent: as supplied			
	Color and consistency		Black viscous liquid	Black viscous liquid
	Specific gravity	g/cm ³	1.03	1.03
	As mixed at 13:1 base-to-curing agent by weight			
	Color and consistency		Black paste	Black paste
CTM ¹ 0092	Snap time at 25°C and 50% RH		110	50

1. CTM: Corporate Test Method, copies of CTM's are available on request.

Typical Properties (Cont.)

Test	Property	Unit	Result	
			DOWSIL™ SE 936 Sealant (normal)	DOWSIL™ SE 936 Sealant (fast cure)
As cured – 3 days at 25°C & 50% RH				
JIS K 6249	Specific gravity	g/cm ³	1.50	1.50
JIS K 6249	Durometer hardness, JIS A		55	55

2. JIS: Japanese Industrial Standard

How to Use

DOWSIL™ SE 936 Sealant should be mixed in a ratio of 13:1 base to curing agent by weight. Typically at this ratio, working time of the mixed sealant is 5 to 10 minutes, and acceptable handling time with the unit is within two hours. Slight variations in mixing ratio can be tolerated, but these should be within the range of 11:1 to 15:1 by weight to ensure minimum properties are obtained. This sealant is compatible with most of Dow alcohol type sealants. Please contact our technical services department for more information. DOWSIL™ SE 936 Sealant 4.85kg kit is recommended that the base and curing agent are thoroughly mixed using an existing commercially available two component silicone dispensing machines (airless mixing system) in order to achieve maximum mechanical properties.

Technical Services

Dow provides comprehensive technical service as part of customer support to ensure the optimal performance of your insulating glass design. This includes dispensing equipment recommendations, as well as sealant compatibility testing with all your chosen insulating glass unit components.

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

Usable Life and Storage

DOWSIL™ SE 936 Base and DOWSIL™ SE 936 Curing Agent should be stored in a cool and dry place, away from direct sunlight. As supplied, DOWSIL™ SE 936 Base has a usable life of 360 days from the date of production. DOWSIL™ SE 936 Curing Agent has a usable life of 210 days from the date of production. DOWSIL™ SE 936 Sealant (normal) 4.85 kg kit has a usable life of 360 days from the date of production.

Packaging Information

DOWSIL™ SE 936 Base is available in 250 kg drums. DOWSIL™ SE 936 Curing Agent is available in 19.3 kg pails. DOWSIL™ SE 936 Sealant (normal type) is also available in carton boxes (4.85 kg x 2 kits).

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health and Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, dow.com or consult your local Dow representative.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

dow.com

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