

Sikasil[®]-E

Acetic Silicone Sealant

Construction

Description	Sikasil-E is a single component ready for use acetic silicone sealant for glazing, sealing and weather proofing.
Uses	<p>Sikasil-E is suitable for use in glazing, particularly in providing a weather seal to single or multiple glazing in either powder coated or anodised aluminium frames.</p> <p>Also suitable as a multi purpose sealant and gap filler in glass brick walls, ceramic tiles, aluminium sandwich panels, kitchens, bathrooms etc.</p> <p>Sikasil-E has other industrial applications such as sealing seams and rebates in heating, refrigeration and sanitary engineering equipment.</p>
Advantages	<ul style="list-style-type: none"> ▪ Easy to use. ▪ Economical. ▪ No mixing required. ▪ Excellent adhesion to many substrates. ▪ Fast curing. ▪ Non-sag. ▪ Dirt and dust repellent when cured. ▪ Resistant to rain, snow, extreme temperature changes and ultraviolet exposure. ▪ Performs well in a broad temperature range.
Storage and Shelf Life	Stored in the original sealed packaging at temperatures of between 5°C and 35°C, this product will keep for at least 12 months.
Instructions for Use	
Surface Preparation	<p>All surfaces must be clean, sound, dry and free of oil, grease and surface contaminants. Thoroughly remove all loose particles and dust.</p> <p>Metallic surfaces must be free of rust scale or oxide films and should be degreased using Sika Colma Cleaner, Acetone or M.E.K.</p>
Priming	No priming is required for glass, epoxies, polyester and polyurethane coatings, most anodised aluminium, ceramics, and glass coated steel.
Application	<p>Sikasil-E is easily installed direct from the cartridge with normal caulking equipment.</p> <p>For neat joint edges use masking tape. For joints over 10mm deep use a closed cell backing rod to provide the correct depth of joint.</p>
Cleaning	Clean all tools and equipment immediately after use with Sika Colma Cleaner. Sikaflex Hand Cleaner will remove fresh and partly cured material from the skin.

Technical Data (Typical)

Colour	Black, Transparent
Density (Transparent)	Approx. 1.0 kg/litre
Shore A hardness (Transparent)	Approx. 18
Maximum Permissible Joint Movement	±20% of the average joint width at time of sealing
Tack free time	25 minutes at 25°C approximately and 50% relative humidity
Cure rate	Approx. 1.5 mm depth per day approx at 25°C and 50% relative humidity
Tensile strength	0.6 MPa approx.
Tear strength	4 N/mm
Elastic recovery	>90%
Application temperature	-10°C to +40°C (application at temperatures below 0°C is permissible provided surfaces are dry and frost free)
Packaging	300g cartridge (15 cartridges per box)

Important Notes

- Do not use on concrete, masonry or cementitious substrates.
- Do not use for gluing timber frames.
- Do not use on limestone, marble, lead or zinc.
- Check for adequate adhesion prior to using on plastic, plastic coated materials and coated metals.
- Do not use underwater.
- Do not over paint.
- Ensure no condensation is present on the bonding surface.
- The minimum joint width should be not less than 3 mm.

Handling Precautions

- Avoid contact with skin and eyes.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.
- A full Material Safety Data Sheet is available from Sika on request.

Important Notification

The information, and, in particular, the recommendations relating to the application and end-use of Sika's products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

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