

PRODUCT DATA SHEET

Sika® Sanisil®

Acetoxy silicone sealant for sanitary applications

PRODUCT DESCRIPTION

Sika® Sanisil® is an acetoxy curing, permanently flexible sanitary silicone containing a powerful anti-fungal compound for long term resistance to fungus and mildew.

USES

- Interior and exterior use.
- Sealing in areas of high humidity or subject to condensation.
- Sealing around baths, showers, basins and sanitary-ware.
- Sealing around work tops and laminates.
- Cap sealing to metal, timber and PVCu window frames.
- As an adhesive for fixing PVCu trims and panels.
- General weatherproofing applications.

CHARACTERISTICS / ADVANTAGES

- Long term fungus and mildew resistance
- High elasticity and flexibility
- Quick curing - low dirt pick up
- Very good UV and weathering resistance
- Will not discolour on ageing even in humid/damp conditions
- Adheres well to ceramics, acrylic, laminate, metal and glass
- Solvent-free

APPROVALS / STANDARDS

- EN 15651-1 F EXT-INT CC
- EN 15651-2 G CC
- EN 15651-3 S
- Meets ISO11600

PRODUCT INFORMATION

Chemical Base	Acetoxy silicone
Packaging	300 ml cartridges
Colour	White and clear
Shelf Life	Sika® Sanisil® has a shelf life of 24 months from the date of production, if it is stored properly in undamaged, original, sealed packaging, and if the storage conditions are met.
Storage Conditions	Sika® Sanisil® shall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +25 °C. Protect from frost.
Density	1.00 kg/l approx. (ISO 1183-1)

TECHNICAL INFORMATION

Shore A Hardness	10-20 approx. (after 28 days) (ISO 868)
Tensile Strength	1.2 MPa

Tensile Stress at Specified Elongation	0.3MPa at 100% elongation (DIN53504)		
Elongation at Break	>500%	DIN 53504	
Movement Capability	± 20%	(ISO 9047)	
Service Temperature	-40 °C to +150 °C		
Joint Design	Minimum Joint Width	Maximum Joint Width	Maximum Joint Depth
	5mm	25mm	50% of joint width

APPLICATION INFORMATION

Consumption	Approx.10 linear metres 9 x 9mm fillet joint		
Ambient Air Temperature	+5 °C to +30 °C		
Curing Rate	3.0 mm/24 hours (23 °C / 50% r.h.)	(CQP 049-2)	
Skin Time	10 minutes approx. (20 °C / 50% r.h.)		

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean, dry and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application. Glass, metal and aluminium should be cleaned with a proprietary solvent cleaner prior to application for optimum adhesion. Porous surfaces may require priming - a small area should be tested first.

For more detailed advice and instructions please contact our Technical Service Department.

APPLICATION METHOD / TOOLS

Reference should be made to the recommended joint ratios. If necessary reduce joint depth using EVERFLEX EXPANDING FILL AND FIX FOAM, or Joint backer rod. Furthermore, ensure that the joint design only permits adhesion to two surfaces, as three sided adhesion will impair flexibility.

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed.

Smooth down within 10 minutes of application. To ensure a proper bond, always smooth the sealant down using a spatula or piece of wood wetted with a soap and water solution. An improved appearance can be achieved by placing masking tape to both sides of the joint and removing within 5 minutes of application.

CLEANING OF TOOLS

Clean all tools and application equipment immediately after use with Sika® Remover-208. Once cured, residual material can only be removed mechanically.

LIMITATIONS

- Not for use in conjunction with bitumen or asphalt. Use Everbuild Weather Mate
- Not for use on highly porous surfaces such as new concrete or stonework. Priming is advised or use Sika Plastix 22A
- Not for use on substrates that may bleed oils, solvent or plasticisers.
- Do not use in the vicinity of, or in conjunction with, the edge sealant of double glazed units. Use Sika Plastix 22A
- Do not use for perimeter pointing of uPVC. Use Sika Plastix 22A
- Do not use on soft metals such as lead or brass. Use Sika® Lead & Gutter sealant.
- Non overpaintable. In applications where overpainting is required, use Everbuild Weather Mate.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika 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 accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Product Data Sheet

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3 / 3



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