

Sika Sanisil®

One-component sealant

Technical product data:

Chemical base	one-part silicone (acetoxycure)
Colour	White and transparent
Density (DIN 53479) (uncured)	1,02 kg/l approx.
Cure mechanism	moisture-curing
Tack-free time*	23 minutes approx.
Rate of cure*	1.5 mm per 24 hrs.
E Modulus 100%	0.51 Mpa
Tensile strength (DIN 53504)	1.72 Mpa
Elongation at break (DIN 53504)	380%
Shelf life (stored below 30°C)	24 months

* = at 23°C and 50% relative humidity

Description:

Sika Sanisil® is a one-part acetoxycure silicone sealant that cures by reaction with atmospheric moisture to form a durable elastomer. Sika Sanisil® is suitable for sanitary and other applications where mildew resistance is required. Sika Sanisil® is resistant to moisture. In addition, it has excellent resistance to ageing, shrinkage, cracking and discolouring. It does not contain solvents.

Product benefits:

- Solvent free
- 100% silicone polymer
- fungus and mildew resistant
- excellent elasticity

Cure mechanism:

Sika Sanisil® cures by reaction with atmospheric moisture. At low temperatures the water content of the air is lower and the curing reaction proceeds somewhat more slowly.

Method of application:

This sealant is ready to use. After suitable joint preparation and masking, the sealant is gunned into place and tooled within 15 minutes using a spatula which has been dipped into soapy water. The masking tape is then removed immediately. Uncured material can be removed by using a suitable solvent or an approved sealant remover. Cured material may be removed by abrasion or other mechanical means.

Usable life and storage:

When stored at or below 30°C in the original unopened containers, this product has a usable life of 24 months from the date of production.

Packaging:

- 310 cm³ cartridge

Cleaning:

Uncured Sika Sanisil® may be removed from tools and equipment with Sika® Remover 208. Once cured the material can only be removed mechanically.

Hands and exposed skin should be washed immediately using a suitable industrial hand cleaner and water. Do not use solvents!

Further information:

Copies of the following publications are available on request:

- Safety Data Sheet

Limitations:

Sika Sanisil® is not recommended for porous substrates such as concrete, stone, marble and granite.

Do not use Sika Sanisil® on bituminous substrates, substrates based on natural rubber, chloroprene or EPDM or on building materials which might bleed oils, plasticizers or solvents. Because acetic acid is released on curing, it can corrode mirror silver and sensitive metals such as copper, brass and lead. Sika Sanisil® is not recommended for use on submerged joints or in joints where physical abuse or abrasion is likely to be encountered.

Sika Sanisil® is not suitable for food contact applications or for use in aquariums.

Note:

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 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 to our current terms of sale and delivery. 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.