Sanisil®

Acetoxy silicone sealant for sanitary applications

Product Description

Sanisil® is a one part acetic moisture curing silicone sealant suitable for indoor and outdoor applications.

Uses

Sanisil® is suitable for sanitary or other sealing applications where mildew resistance is required.

Characteristics / Advantages

- Long term fungus and mildew resistance
- Excellent UV and weathering resistance
- Solvent free
- High elasticity and flexibility

Product Data

Form

Colours: Clear, white, black, grey

Packaging

300ml cartridges, 12 cartridges per box

Storage

Storage Conditions / Shelf Life: 12 months from date of production if stored in undamaged original sealed containers, in dry conditions and protected from direct sunlight at temperatures between +10°C and +25°C.

Technical Data

Chemical Base: Acetoxy silicone, moisture curing

Density

~ 0.98 kg/l (colour clear) (DIN 53 479)

Skinning Time

~ 25 minutes (23°C / 50% r.h.) (EN ISO 291)

Curing Rate

~ 1.5 mm/24h (23°C / 50% r.h.) (EN ISO 291)

Movement Capability

20% (ISO 11600)

Sag Flow

< 2mm (DIN EN 27 390)

Service Temperature

-40°C to +150°C
**Mechanical / Physical Properties**

- **Tensile Strength**: ~ 0.6 N/mm² (23°C / 50% r.h.) (ISO 8339)
- **Tear Strength**: ~ 4.0 N/mm² (23°C / 50% r.h.) (DIN 34 method C)
- **Shore A Hardness**: ~ 20 (after 28 days) (ISO 868)
- **E-Modulus**: ~ 0.36 N/mm² at 100% elongation (23°C / 50% r.h.) (ISO 8339)
- **Elastic Recovery**: > 90% (23°C / 50% r.h.) (DIN EN 27 389)

**System Information**

**Application Details**

**Consumption**

Joint Design:
The joint width must be designed to accommodate the movement capability of the sealant. For joints between 6mm to 12mm wide, a seal depth of 6 mm is recommended.

<table>
<thead>
<tr>
<th>Joint width</th>
<th>6mm</th>
<th>9mm</th>
<th>12mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joint depth</td>
<td>6mm</td>
<td>6mm</td>
<td>6mm</td>
</tr>
<tr>
<td>Joint length / 310 ml</td>
<td>~ 8m</td>
<td>~ 5.5m</td>
<td>~ 4m</td>
</tr>
</tbody>
</table>

**Substrate Quality**
Clean and dry, homogeneous, free from grease, dust and loose particles. Paint, laitance and other poorly adhering particles must be removed. Standard construction rules must be observed.

**Substrate Preparation / Priming**
Advice Instructions after primer list.

**Application Conditions / Limitations**

- **Substrate Temperature**: +5°C min. / +35°C max.
- **Ambient Temperature**: +5°C min. / +35°C max.
- **Substrate Humidity**: Substrate must be dry

**Application Instructions**

**Application Method / Tools**
Sanisil® is ready to use.

After suitable joint preparation and properly prepared substrate, the sealant is gunned into place and tooled within 10 minutes, using a spatula which has been dipped in soapy water.

Masking tape is then removed immediately.

Uncured material can be removed by using a suitable solvent or an approved sealant remover.

Cured material can only be removed mechanically.

**Cleaning of Tools**
Clean all tools and application equipment with Colma® Cleaner immediately after use. Hardened/cured material can only be mechanically removed.
### Notes on Application / Limitations

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

Do not use on bituminous substrates, natural rubber, chloropene, EPDM or on building materials which might bleed oils, plastisicers or solvents.

Do not use in totally confined space because Sanisil® requires atmospheric moisture to cure.

Because acetic acid is released during curing, it can corrode mirror silver and sensitive metals such as cooper, brass and lead.

Sanisil® is not recommended for use in submerged joints or in joints where physical abuse or abrasion are likely to occur. It is also not suitable for food contact applications.

Sanisil® is neither tested nor represented as suitable for medical or pharmaceutical uses.

### Value Base

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

### Local Restrictions

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

### Health and Safety Information

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.