

# TRADE GRADE SILICONE SEALANT

## CHARACTERISTICS

- Neutral-curing 1-component silicone sealant
- Contains fungicides
- Low odour
- Excellent weathering, ageing, and UV-resistance

## FIELDS OF APPLICATION

- Sealing of expansion joints in wall and façade areas
- Expansion joints in bathroom areas

## IMPORTANT INFORMATION

Before applying for this product, the user must ensure that the materials in contact (solid, liquid, and gaseous) are compatible with it and also amongst each other and do not damage or alter (e. g. discolour) each other. As for the materials that will be used at a later stage in the surrounding area of the product, the user must clarify beforehand that the substances of content or evaporations do not lead to an impairment or alteration (e.g., discoloration) of the product. In case of doubt the user should consult the manufacturers of the materials.

Avoid contact with materials which release solvents, e.g., butyl, EPDM, neoprene, insulating- and bituminous paint. During curing less amounts of alcohol are released. Ensure good ventilation during application and curing.

The sealant thickness in the joints should be limited to max. 15 mm. If the depth of the joint is too low, a PE foil can be placed in the base of the joint to prevent a three-edge bond of the sealant. The required vulcanization time increases with increasing thickness of the silicone layer. One-component silicone must not be used for full-surface bonding applications unless special constructional prerequisites are met. If one-component silicone is to be used for thickness layers of more than 15 mm, please contact our technical department beforehand.

**How to prevent mould when renovating joints:** For a professional renovation of joints, it is necessary to remove all the sealant damaged by mould. It is also important to remove any residue from the bottom and the sides of the joint. Only now can the joint be filled again. If these measures are not carried out accurately, the sealant, even though it contains fungicides, can be infected by mould again shortly after because the spores are still in the joint.

## TECHNICAL PROPERTIES

|  |               |
|--|---------------|
| Skin-forming time at 23 °C/50 % RH [minutes]                   | ~ 5 -30       |
| Curing in 24 hours at 23 °C/50 % RH [mm]                       | ~ 2           |
| Processing temperature from/to [°C]                            | + 5 / + 35    |
| Viscosity at 23 °C   | pasty, stable |
| Density at 23 °C according to ISO 1183-1 [g/cm <sup>3</sup> ]  | ~ 1.02        |
| Tensile strength according to ISO 37, S3A [N/mm <sup>2</sup> ] | >1            |
| Temperature resistance from/to [°C]                            | - 40 / + 120  |
| Shrinkage of volume according to ISO 10563 [%]                 | < 10          |
| Hardness (Shore A)   | 25-40         |

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## PRE TREATMENT

The adherent surfaces must be clean and free from contaminants such as release agents, grease, oil, dust, water, old adhesives, sealants and other substances which could affect adhesion. We recommend cleaning the surface with an acetone based cleaner such as Maxisil Cleaner (airing time approx. 1 minute) using a clean, lint-free cotton cloth.

## APPLICATION INFORMATION

Due to the many possible influences during and after application, the customer should carry out trials on a small area first.

Please observe the recommended shelf life which is printed on the packaging. (24 Months) from date of manufacture

We recommend storing our products in unopened original packaging, dry area (< 60 % RH) at temperatures of +10 °C up to +30 °C. If the products are stored and / or transported at higher temperatures / air humidity for longer periods (some weeks), a diminution of durability or a change of material characteristics may arise.

## PACKAGING

Packaging and colours on request

## SAFETY PRECAUTIONS

Please observe the material safety data sheet.  
After curing the product is completely odourless

## DISPOSAL

Information about disposal: Please refer to the material safety data sheet.

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## WARRANTY

All information in this publication is based on our current technical knowledge and experience. However, since conditions and methods of use and application of our products are beyond our control, we suggest that you test the product before use. Information given in this technical data sheet and explanations of Roberts Designs International in connection with this technical data sheet (e.g., service description, reference to DIN regulations etc.) is not to be seen as a warranty. Warranties require a separate written declaration by Roberts Designs International to prove their validity. The characteristics stated in this data sheet define the characteristics of the article broadly and conclusively. Suggestions of use are not to be taken as confirmation of the appropriateness for the recommended intended use. We reserve the right to alter the product, adjusting it according to technical progress and new developments. We are at your disposal both for inquiries as well as specific application problems. If governmental approval or clearance is necessary for the application of our products, the user is responsible for the obtainment of such. Our recommendations do not excuse the user from the obligation to take into consideration the possibility of infringement of third parties' rights and - if necessary - resolving it. For the rest, our general terms and conditions apply, regarding a liability for defects. You can find our general terms and conditions on our homepage: <http://www.robertsdesigns.com.au/terms-and-conditions>.