ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

ROBERTS / SILICONES AND SEALANTS

Trade Grade Silicone



TYPE
Silicones and sealants
USE IT FOR
Everyday expansion and bathroom joints, walls and facades
COLOURS
White, Off White, Travertine, Havana, Grey, Anthracite, Black, Mid Grey, Monumento, Clear, Misty Grey, Flash Grey, Mid Brown, Almond Ivory
SIZES
300 ml
MATERIAL
Neutral cure silicone
CODE
RDTG4000W / RDTG4001OW / RDTG4002TR / RDTG4003HAV / RDTG4005GR / RDTG4006ANTH / RDTG4007B / RDTG4008MG

WARRANTY

Ask us for the warranty terms for this product: 03 9720 4633 or sales@romanoios.com.au.

FEATURES

- 100% silicone
- Mould resistant
- Smooth finish, low odour
- 14 colours

DIMENSIONS

The dimension drawing and full specifications from Roberts follow on the next page.

Roberts Designs

TECHNICAL DATA SHEET

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/cm³]	~ 1.02
Tensile strength according to ISO 37, S3A [N/mm²]	>1
Temperature resistance from/to [°C]	- 40 / + 120
Shrinkage of volume according to ISO 10563 [%]	< 10
Hardness (Shore A)	25-40

robertsdesigns.com.au

Pages from Roberts's own specification. Ask us about this product, we're happy to help.

Romano Indoor & Outdoor Solutions, 4/126 Canterbury Rd, Kilsyth South VIC 3137. 03 9720 4633. sales@romanoios.com.au

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TECHNICAL DATA SHEET

TRADE GRADE SILICONE SEALANT

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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