ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

ROBERTS / SILICONES AND SEALANTS

Maxisil Wet Area Silicone



RANGE
Maxisil
TYPE
Silicones and sealants
USE IT FOR
Joints in tiled bathrooms, kitchens and laundries, indoors and out
COLOURS
Clear, White, Off White, Light Grey, Mid Grey, Flash Grey, Basalt, Blue Grey, Platinum, Grey, Bahama Beige, Anthracite, Aluminium, Black
SIZES
310 ml
MATERIAL
Acetate cure silicone
STANDARDS
EN 15651-1 F EXT-INT CC 25 LM, EN 15651-2 G CC 25 LM, EN 15651-3 XS 1, ISO 11600 F 25 LM
CODE
RDX1000ALA / RDX1000ALU / RDX1000AN / RDX1000BAHB / RDX1000BAS / RDX1000BG / RDX1000BL / RDX1000BLG

WARRANTY

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

FEATURES

- 100% silicone, mould and mildew resistant
- 41 colours including matte finishes
- Good tooling, will not string out
- Primerless adhesion to ceramic tiles
- Interior and exterior use

DIMENSIONS

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

The premium bathroom and wet area silicone

Maxisil® Wet Area

Technical Datasheet

Characteristics:

- 1-component acetate-curing silicone sealant
- Excellent weathering, ageing and UV-resistance
- Enables a great finish, will not string out during application
- Good tooling and smoothing properties
- Contains fungicides
- Medium skin formation time for easy handling
- Very good adhesion on ceramic substrates
- Primerless adhesion to many other substrates
- Stress expansion modulus at 100 % (DIN 53 504, S3A): 0,3 N/mm²
- Meets Din 18545,part 2D (German industrial standard)
- Available in a variety of colours. Custom colours also available upon request

Fields of application:

- Sealing connection joints between ceramic tiles, showers, baths and flooring sections
- Expansion / movement joints in bathroom and wet areas
- Sealing of connection joints on door and window frames
- Sealing of double-glazing joints
- Glass block glazing
- Sealing general building substrates
- Interior and exterior use

Standards and tests:

- Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- Tested according to EN 15651 – Part 2: G CC 25 LM
- Tested according to EN 15651 – Part 3: XS 1
- "Highly recommendable non-hazardous building product" according to building material list (TOXPROOF) of the TÜV Rhineland, Germany
- Suitable for applications according to IVD instruction sheet no. 3-1+3-2+14+31+35 (IVD = German industry association sealants)
- Quality seal of the IVD (Industrial association for sealants, registered society), tested by the ift Rosenheim (Institute of window engineering, registered society)
- According to regulation (EG) Nr. 1907/2006 (REACH)
- Conform to LEED® IEQ-credits 4.1 (Indoor Environmental Quality) adhesives and sealants
- Suitability for DGNB
- French VOC-emission class A+
- Certified according to GOS
- Declaration in "baubook" Austria
- EMICODE® EC 1 Plus - very low emission

Maxisil
+61 1300157207
info@maxisil.com maxisil.com

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

Important information:

Before application, the user should ensure the materials in the contact area (solid, liquid and gaseous) are compatible with the sealant and also each other, so as they do not damage or alter (e. g. discolour) each other. If in doubt the user should consult each manufacturer of the surrounding substrates.

While curing, small amounts of acetic acid are released. Ensure good ventilation during application and curing.

After curing the product is completely odourless, physiologically harmless and unmodified.

The required vulcanization time prolongs with increasing thickness of the silicone layer.
One-component silicones must not be used for full-surface bonding applications, unless special constructional prerequisites are met. If one-component silicones are to be used for thickness layers of more than 15 mm please contact our technical department beforehand.

Avoid contact with materials which contain bitumen and which release solvents, e. g. butyl, EPDM, neoprene, insulating- and bituminous paint.

When restoring joints contaminated with mould, the existing elastic sealant must be removed completely. Before re-jointing, the affected joint areas are to be treated with Maxisil Anti-Mildew Spray to remove existing fungal spores. Otherwise a new mould attack may again occur in the joints, despite the mould protection technology of the sealant.

Technical properties:

Skin-forming time at 23 °C/50 % RAH [minutes]	~ 15
Curing in 24 hours at 23 °C/50 % RAH [mm]	~ 2 - 3
Processing temperature from/to [°C]	+ 5 / + 35
Viscosity at 23 °C	pasty, stable
Density at 23 °C according to ISO 1183-1 [g/cm³]	~ 1,0
Shore-A-hardness according to ISO 868	~ 20
Permissible movement capability [%]	25
Class according to ISO 11600 F	25
LM Stress expansion modulus at 100 % according to ISO 37, S3A [N/mm²]	~0,3
Tensile expansion according to ISO 37, S3A [%]	~ 700
Tensile strength according to ISO 37, S3A [N/mm²]	~ 1,4
Temperature resistance from/to [°C]	- 40 / + 180
Extrusion rate according to ISO 8394-1 [g/min.]	~ 130 - 170
Shrinkage of volume according to ISO 10563 [%]	<10
Shelf life at 23 °C/50 % RAH for cartridge/foil bag [months]	15
VOC declaration according to 1999/13/EC [g/L]	<10%

This data is not suitable for the issue of specifications. Please contact Maxisil before issuing specifications.

Pretreatment:

All adherent surfaces must be clean of any contaminant such as release agents, preserving agents, grease, oil, dust, water, old adhesives or sealants and other substances, which could affect adhesion, should be removed.
Cleaning of non-porous substrates: Apply Maxisil Cleaner (airing time approx. 1 minute) using a clean, lint-free cotton cloth.
Cleaning porous substrates: Clean surfaces with steel-wire brush or a grinding disk to remove loose particles.
The adherent surfaces have to be clean, free from fat, dry and sustainable.

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