

TECHNICAL DATA – TILE & STONE SILICONE

TILE & STONE SILICONE

Sanitary grade, neutral curing, anti fungal & UV resistant silicone sealant.

DESCRIPTION:

RLA TILE AND STONE SILICONE is an anti-fungal, non-diluted, high performance, UV resistant neutral cure silicone sealant. Designed for sealing joints or seams in ceramics, plaster, metal and timber [natural or painted] in wet areas. Kitchens, bathrooms, laundries, toilets and wherever fungal growth might occur.

AREAS OF APPLICATION:

- Perimeter sealing of baths, basins, shower basins, spas and sinks.
- Ceramic and other tiles note – natural stones must be pre tested to ensure the product does not stain.
- Window frames.
- Exhaust fans.
- Metal fixtures including shower frames.

FEATURES & BENEFITS:

- Will not support the growth of mould, mildew or fungus.
- Excellent adhesion properties
- Permanently flexible
- Suitable for interior and exterior applications
- Unaffected by extreme temperature – hot or cold
- Waterproof

APPLICATION:**Surface preparation**

Surfaces to be sealed must be clean and dry. Ensure there is no foreign matter including grease, wax, flaking paint etc.

APPLICATION OF SEALANT:

- Complete all painting before applying.
- To protect surfaces and to ensure a neat job. Use masking tape on each side of joint
- Insert a backing rod if depth of joint is excessive.
- Cut nozzle at 45° angle to desired thickness.
- Cut nub on cartridge. Insert cartridge into caulking gun.
- Hold gun at 45° angle with nozzle in contact with both sides of joint.

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- Apply by pushing sealant ahead of nozzle, thus ensuring sealant is pushed firmly into place.
- Smooth off before skin forms
- Remove excess sealant immediately with a cloth dampened with mineral turpentine.
- Remove masking tape if used immediately sealant tooling is complete.
- Sealant surface skins in 5 minutes and is touch dry in 30 minutes.
- Cured sealant can be removed by trimming with a sharp blade
- Entire cartridge contents should be used within 12 months.

COVERAGE:

5mm x 5mm = 13 Lineal Metres

CLEAN UP:

Wipe off excess sealant immediately and clean up with mineral turpentine.

PACKAGING & SHELF LIFE:

Store inside where possible out of direct sunlight and heat. Store below 25°C. Shelf life is 12 months in unopened container when stored below 25°C.

HANDY TIPS:

- Not recommended for use in trafficable applications.
- Not to be used for structural glazing.
- Not paintable.
- Not to be used on extruded type polycarbonates or polyacrylates cracking may occur
- Do not apply to wet surfaces.
- **Pretested Adhesion To Substrate** - We recommend all applications should be pre tested to ensure results are to the expectation of the user. In particular the adhesion to the substrate should be tested to ensure adequate adhesion and no staining occurs –particularly with natural stones.

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PRODUCT DATA	
Colours	Available in 14 colours
Tooling/Skin Time	3-5 minutes @ 20°C
Tack Free Time	10 minutes @ 20°C
Cure Time	24 hours for 2mm depth – 5 days for full cure 5mm depth
Application Range	10 °C → 50 °C
Performance Range	-60 °C → 175 °C
Hardness Shore A	25 (Clear/White) 40 (Coloured)
Tensile Strength	(200 psi (15 Kg/cm ²)
Sag, Slump	Nil
Specific Gravity	1.0g/ml (clear) 1.4g/ml (coloured)
UV and Ozone Resistance	Excellent
Joint Movement	± 25 % min

AVAILABILITY:

RLA TILE & STONE SILICONE is available Australia wide through the RLA Group distributor network. Please contact RLA Group 1800 242 931 to find out where your nearest stockist will be.

TECHNICAL SUPPORT:

RLA Polymers manufactures a comprehensive range of high quality, high performance construction products. In addition, RLA Polymers offers technical support and on-site advice to specifiers, end users and contractors. Please contact your RLA Polymers sales representative or RLA Head Office for this service

Product:	RLA TILE & STONE SILICONE	
Issue Date:	NOV 19	
Issue No:	D01	
Product Codes:	WHITE	610435
	MID GREY	610437
	SLATE	610438
	LIGHT GREY	610436
	CHARCOAL	610439
	CAPPUCCINO	610442
	BLACK	610440
	BEIGE	610441

DISCLAIMER

The information and any recommendations relating to the application and end-use of all RLA products are provided in good faith based on RLA's knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by RLA. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.