

RLA LUMINOUS SILICONE

100% NEUTRAL CURE ANTI-FUNGAL SILICONE SEALANT

DESCRIPTION

RLA LUMINOUS SILICONE is a high quality, 100% neutral curing silicone sealant with in-built inhibitors to help prevent mould growth in warm, wet, humid conditions and general areas subject to continuous moisture. Ideal for use in bathrooms, high traffic wash areas, shower screens, kitchens & wash basins, **Luminous Silicone** compliments the range of RLA Luminous Grouts for complete, high performance tiling installations.

Available in 300ml cartridges.



USES

- INTERNAL WET AREAS, BATHROOMS, SHOWERS, BATH AND BASIN SURROUNDS
- EXTERNAL WET AREAS, BALCONIES, TERRACES AND ROOFTOPS
- KITCHENS
- GENERAL AREAS SUBJECT TO CONTINUOUS MOISTURE
- COMPLEMENTING RLA LUMINOUS GROUTS FOR INTERNAL AND EXTERNAL TILING APPLICATIONS

SUBSTRATES

- CONCRETE AND MASONRY
- GLASS
- ALUMINIUM, STEEL & GALVANISED STEEL
- WOOD
- CERAMICS
- MOST PAINTED & POWDER COATED SURFACES
- SOME PLASTICS

TECHNICAL DATA

COLOUR	ASSORTED
CURING METHOD	NEUTRAL (OXIME) 100%
SAG/SLUMP @ 23°C 50% RH	NIL
SHELF LIFE	12 MONTHS WHEN STORED BELOW 28 °C
PACKAGING	300ML CARTRIDGE
SKIN TIME @ 23° C 50% RH	5-12 MINUTES
CURE DEPTH @ 23° C 50% RH	2-3MM/24 HOURS
APPLICATION TEMP.	+5°C TO +40°C
ELONGATION	420%
TENSILE STRENGTH	>1 MPA
DYNAMIC JOINT MOVEMENT	+/- 25%
SPECIFIC GRAVITY	1.03 G/ML
SHORE A HARDNESS	25

SURFACE PREPARATION

All surfaces must be clean, dry, and free from loose particles, dust, oils, rust, and any contaminants that may inhibit adhesion of the sealant. Where oils may be present, clean the surface using a non- oil-based solvent cleaner. Avoid cutting or scratching powder-coated surfaces as oxidization will quickly contaminate the mating surfaces. Some powder coats are heavily plasticized and may require light scouring using a scouring pad to remove/dull the burnished surface to promote adhesion. An adhesion promoter may also be required. Contact ATA for advice if unsure.

APPLICATION

- Cut nozzle at a 45° angle based on required bead size
- Cut nub on the cartridge and screw on nozzle
- Insert the cartridge into the caulking gun
- Hold the caulking gun at a 45° angle with the nozzle in contact with both sides of the joint
- Apply by dispensing the silicone ahead of the nozzle, pushing it firmly into the joint and against joint surfaces to ensure positive surface face adhesion
- Tool off sealant to a concave profile before skin forms using mild soapy solution or proprietary tooling solution. Tooling will assist by securing the sealant into the joint and eliminate air bubbles and air pockets behind the sealant
- Remove excess sealant immediately with a cloth dampened with mineral turpentine or suitable solvent

CLEANING

- Excess sealant can be removed immediately with a cloth dampened with mineral turpentine or suitable solvent
- Cured sealant can be removed by trimming with a sharp blade

PACKAGING

300ml cartridges

STORAGE & SHELF LIFE

- Store in a cool, dry place away from direct sunlight
- Best stored in conditions under 28°C
- Shelf life is 12 months from date of manufacture when stored in accordance with above recommendations

PRECAUTIONS & LIMITATIONS

- Not recommended for fully submerged joints. In aquarium applications use an acetic cure sealant
- Not recommended for copper surfaces
- For certain rubber and some plastic products, bleeding of plasticisers may occur. Contact ATA for advice on application over these surfaces if unsure
- Do not apply when surface or ambient temperatures are below 5°C or above 40°C

SAFETY

For information and advice on the safe handling, first aid, storage and disposal of chemical products, users must refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

WARRANTY STATEMENT

ATA guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specification.

We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.

ATA will replace the product free of charge when purchased from any legally verifiable source and where the product is proven to have been stored, handled, and install according to instructions published on our packaging and within the stated shelf life. The Installation of all materials must be carried out in accordance with relevant Australian Standards.

Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of our control.

Sufficient time and access to investigate any complaint must be accorded to ATA.

The consumer is responsible for any expenses incurred in making a claim.

Conditions of Sale contain a limited warranty against manufacturing defects.

A claim form can be requested by email or phone.

CONTACT DETAILS

Sales: customerservice@ata.com.au

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