

# RLA CURECON W

## Water Based Resin Curing Compound



### **DESCRIPTION:**

RLA CURECON W is a Type 1-D, Class B, water-based resin curing compound used to retain moisture in concrete for effective curing. Used for all concrete but specifically designed for use in mass concrete structures such as roadwork, bridgework and runways.

Formulated for use primarily in the construction of concrete roads,

RLA CURECON W offers a high level of moisture retention-92% efficiency for Type 1-D- AS3799.3.1.2 (Appendix B). We are ensuring efficient hydration of the cement component in the concrete mass.

RLA CURECON W can also be supplied as a Type 2 or Type 3 product, where site conditions dictate the use of either of these types.

RLA CURECON W is certified to comply with Australian Standard AS 3799.

### **FEATURES AND BENEFITS:**

- Increases concrete strength and dusting resistance.
- Reduces surface shrinkage and cracking by eliminating moisture loss from exposed surfaces.
- Eliminates the need for damp hessian, sand, or polythene.
- Rapid film formation.
- Tack-free when dry.
- Non-toxic
- Complies with Green Star- Office Design V3 IEQ-13
- Volatile ingredients comply with air pollution requirements of photo-reactive compounds
- Non-flammable/non-dangerous goods classification

### **APPLICATION:**

To achieve the correct curing properties and moisture retention according to Australian Standards and various road construction specifications, RLA CURECON W must be applied at the-stated coverage rates. (5m<sup>2</sup> per litre)

RLA CURECON W contains a fugitive dye to ensure even coverage is attained. This dye evaporates after a short period, leaving the dried RLA CURECON W as a transparent film.

RLA CURECON W is used neat- do not dilute.

After final trowelling, the coating should be evenly sprayed onto the surface over the freshly laid concrete as soon as possible.

RLA CURECON W should be applied as soon as the surface bleed water has evaporated.

Apply RLA CURECON W with a low-pressure spray (preferred) or a soft 10-15mm nap roller. **Do not Brush**

**NOTE:** Aliphatic alcohol preparations used in the finishing process of the concrete surface will not interfere with the drying or bond characteristics of RLA CURECON W.

### **COVERAGE:**

RLA CURECON W is applied at the rate of 5m<sup>2</sup> per litre (0.2 litres per m<sup>2</sup>). When using a spray applicator.

**NOTE:** The surface texture of the finished concrete can affect the apparent coverage rate of the applied coating of RLA CURECON W supplied in 20-litre cubes, 200-litre drums and 1,000-litre IBC containers, or in bulk.

## COMPATIBILITY:

RLA CURECON W is compatible with many hydro-carbon solvent-based primers and is suitable for use on concrete roads, which will be subject to line marking. However, compatibility tests should be undertaken and confirmed by testing in every case.

RLA CURECON W will darken slightly with age and UV exposure. In time the coating will degrade, allowing the unhindered application of other toppings/treatments. The life of RLA CURECON W will depend on the degree of exposure to weathering that the product experiences.

The coating is designed to break down on exposure to weathering influences. Continual exposure to UV light and weather effects is needed to ensure this process occurs. It is expected that under these conditions, the process will take up to 12 weeks for the RLA CURECON W coating to break down fully.

## TECHNICAL DATA:

PRODUCT INFORMATION:	
Colour	Light Green Liquid
Specific Gravity	0.95-1.0
Viscosity	>0.05 Pa.s
Density	0.977 kg/L
Flash Point	Not Applicable
Drying time on Concrete	3 hours @25°C & 50% RH
Thinning	NIL Use as supplied
Health & Safety	NON-TOXIC

## NOTES & PRECAUTIONS:

Do not dilute RLA CURECON W. Use as supplied. Ensure that RLA CURECON W is thoroughly mixed before the application commences. Regular mixing of the material during application is recommended.

Do not allow RLA CURECON W to freeze. Where high or low temperatures are likely to be encountered,

Type 2 or Type 3 versions of RLA CURECON W may be required.

Contact RLA Technical Services for advice in these circumstances

## CLEAN UP:

Tools and equipment can be cleaned with water while RLA CURECON W is wet. Dried RLA CURECON W can be removed using proprietary paint strippers, Solvent 525, or mechanical means.

## STORAGE:

RLA CURECON W should be stored in the original unopened containers in cool, dry conditions. Store away from sources of heat or naked flame.

Do not allow RLA CURECON W to freeze.

RLA CURECON W should be used within 12 months of manufacture. If the product has been stored for more than six months, care should be taken to ensure the product is thoroughly mixed before use.

## SAFETY & HANDLING:

- Do not breathe dust. Wear suitable respiratory protection.
- Use in well-ventilated areas.
- Avoid contact with skin and eyes.
- Wear eye protection and suitable gloves and clothing.
- Do not eat, drink, or smoke while using this product.
- Take off contaminated clothing and wash it before reuse.

**The Safety Data Sheet is available upon request.**

## FIRST AID:

- If poisoning occurs, contact a doctor or the Poisons Information Centre.
- If swallowed, DO NOT induce vomiting; give a glass of water and immediately call the Poisons Information Centre and a doctor.
- For advice or if you feel unwell, contact a Poisons Information Centre: Australia ph. 131126, New Zealand ph. 0800 764 766 or a doctor at once.
- If on SKIN, remove all contaminated clothing immediately and wash skin with soap and water.
- If in EYES, rinse carefully with water for several minutes. Remove contact lenses; if present, then continue rinsing.
- If eye irritation persists, get medical advice/attention.
- If inhaled, remove them to fresh air, and keep them at rest in a position comfortable for breathing.



Quality  
ISO 9001  
SAI GLOBAL

RLA CURECON W

RLA Polymers Pty Ltd ACN 004 709 915

215 Colchester Road, Kilsyth, Victoria, 3137 [info@rlapolymers.com.au](mailto:info@rlapolymers.com.au)

T. 1800 242 931

[rlapolymers.com.au](http://rlapolymers.com.au)

Version:02

Issue Date 09/01/2023



NANPAO

PART OF THE NAN PAO GROUP

**WARRANTY STATEMENT:**

RLA Polymers guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specifications. 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.

RLA Polymers will replace the product free of charge when purchased from any legally verifiable source and where a 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 per the 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 RLA Polymers.

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

A claim form can be requested by:

**PHONE:** [1800 242 931](tel:1800242931)

**EMAIL:** [info@rlapolymers.com.au](mailto:info@rlapolymers.com.au)

**MAIL:** [215 Colchester Road Kilsyth Victoria 3137 \(Attention Customer Service\)](mailto:215ColchesterRoadKilsythVictoria3137)

**WEBSITE:** [www.rlapolymers.com.au](http://www.rlapolymers.com.au)

**AUSTRALIAN CONSUMER LAW:**

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality, and the failure does not amount to a major failure. The benefits under our warranty are in addition to other rights and remedies available to the consumer under the law in relation to the goods and services to which the warranty relates.

**DISCLAIMER:**

All statements and technical information contained herein are based on tests we believe to be reliable, but the accuracy thereof is not guaranteed. Users assume all risk and liability resulting from the use of the product and must confirm the suitability thereof by their own tests. Conditions of Sale contain a limited warranty against manufacturing defects.