

# RLA Type N Solvent Blue

For use with non-pressure pipes & fittings



## DESCRIPTION:

**RLA Type N Solvent Blue Cement** is a specially formulated resin-based adhesive for bonding PVC-U pipe, sheets & fittings. It is a fast-setting and suited for PVC-U Pipes with a diameter of 100mm or less. RLA BLUE Type N is suitable for Non-Pressure applications in residential, commercial and industrial work such as Sewerage, Drainage, Storm Water, and Electrical & Cable Conduit.

Bonds are waterproof if the jointing instructions in AS/NZS 2032 are followed.

## FEATURES & BENEFITS:

- Manufactured to the highest Australian Standards and Quality Assurance so the RLA type N Blue Solvent come with a 10-year manufacturer's warranty.
- Conforms to the stringent performance requirements of AS/NZS 3879 so you can have confidence it will do the job.
- AS/NZS 4020 approved, which means it is suitable for use in contact with drinking water.
- Watermark and ISO 9001:2008 accredited so quality assurance is assured.
- All Packaging is Dangerous Goods approved so it can be stored and transported with confidence.
- Tightly engineered cap to minimise the risk of leaks.
- Range of sizes to suit any job.
- All containers are supplied with a natural bristle brush applicator cap to ensure easy application.
- Proven product performance over several decades in millions of applications around Australia and overseas

AS/NZS 3879 SHEAR STRESS TEST REQUIREMENTS FOR TYPE N

## PHYSICAL PROPERTIES

Drying Time	Joint Strength to Exceed	
20 Minutes	0.1 MPa	100 kPa or 14.5 psi
1 Day	1 MPa	1000 kPa or 145 psi
60 Days	4 MPa	4000 kPa or 580psi

Appearance	Blue viscous liquids
Specific gravity @ 20°C	0.88-0.90
Viscosity @ 20°C	500-700
Contents	Contains more than 700 g/L of Hydrocarbon Liquids.
Shelf Life	2 years if unopened and stored in a cool, dry, well-ventilated place out of direct sunlight.

## VOC LEVELS

The Green Building Council of Australia has advised that "Pipe cement are not relevant to the VOC credit as they have little influence on indoor air quality.

Plumbing pipes are usually installed sometime prior to building occupation and any residual of solvent will be negligible by the time the building is sealed and occupied. In addition, plumbing pipes are not a major component of an individual fit-out or building, plumbing cements are minor in quantity in the indoor fit-out when compared to adhesives used in countless other indoor applications."

(GBCA Technical Clarification Statement PVC Pipe Cements IEQ-13, Clarification No. 43, October 2009). Refer to the GBCA website for more information [www.gbca.org.au](http://www.gbca.org.au)

## DIRECTIONS FOR USE

PVC Pipe Cement Jointing is a trade skill and should only be executed by appropriately qualified trades' people. Refer to AS/NZS 2032 for complete PVC Pipe Cement jointing instructions.

### PREPARING THE JOINT

This is essential to ensure a satisfactory bond.

1. Ensure the pipe is cut square and remove burrs.
2. To ensure correct assembly of joint, mark pipe at a distance equal to full socket depth.
3. Test joint for a dry fit.
4. Clean pipe and inside of socket using a clean cloth freshly moistened with RLA RED PRIME Priming Fluid. This is essential to ensure a satisfactory bond.

### MAKING THE JOINT

1. Shake or stir thoroughly RLA Blue Glue Type N Solvent before using.
2. Apply RLA Blue Glue in full even coats to both surfaces firstly to the inside of the socket, then to the external surface of the pipe end.
3. Immediately assemble, pushing the pipe home to the full depth of the socket.
4. Hold bonded joint in position for at least 30 seconds.
5. Do not disturb for 5 minutes.
6. Allow 24 hours of curing before testing.

The open time of RLA Blue Glue, which is the time from the beginning of adhesive application until the joining of the parts, is dependent on the temperature and on the thickness of the adhesive layer. With an adhesive layer of 1 mm and at the temperature given below, the parts should be joined within the following times:

For the first 5 minutes after cementing, avoid moving the pipes. At temperatures of less than 10°C, this should be extended to 15 minutes. If in the ground, cemented jointed pipes may be covered after approximately 10-12 hours. Before using the pipes in normal operation, thoroughly flush them through with water to remove any solvent vapour.

Where pipes are not required for immediate service, it is advisable to flush through thoroughly and possibly allow them to stand filled with water.

20 °C	4 min.
25 °C	3 min.
30 °C	2 min.
40 °C	1 min.
>40 °C	<1 min.

## CAUTIONS

1. Keep the lid tightly on RLA RED PRIME and RLA Blue Glue when not in use. Evaporation of the solvents will affect the quality and performance of the RLA Type N.
2. RLA Blue should have a "syrup-like" consistency. Do not use it if it is lumpy or "jelly-like" consistency.
3. No additive of any kind (including Priming Fluid) should be mixed with RLA Blue.
4. PVC Pipe Cement take no longer to set in colder temperatures. Do not try to artificially speed up the drying process of RLA Blue by using hair dryers or the like. This could affect the integrity of the joint.
5. Avoid spilling the RLA Red Prime and RLA Blue Type as the dyes leave a permanent stain. In the event of spillage, soak up as quickly as possible with a clean dry cloth.

## LIMITATIONS:

RLA Blue is to be used for Non-Pressure Applications only. For Pressure Applications use RLA Type N.

- Temperatures above 30°C and/or windy conditions can result in premature drying of RLA Blue to prevent a satisfactory bond. In such circumstances either apply a second coat or use a Slow Setting Pipe Cement.
- For PVC pipes with a diameter exceeding 100mm use a Slow Setting Pipe Cement or Large Diameter Solvent Cement.
- Not suitable for bonding polyethylene or plasticised PVC articles.

## SAFETY DIRECTIONS

Irritant. Avoid breathing vapour. Avoid contact with skin and eyes. Highly Flammable and Keep away from Flames.

## NOT TO BE TAKEN. REFER TO THE MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION

### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone: Australia 131 126 NZ: 0800 764 766 or a doctor immediately. If swallowed do not induce vomiting. Give a glass of water.

### STORAGE

Store in a cool, dry, well-ventilated place and out of direct sunlight. Shelf life is 2 years from the date of manufacture if stored in accordance with the manufacturer's recommendations.

**WARRANTY STATEMENT:**

RLA Polymers 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.

RLA Polymers will replace the product free of charge when purchased from any legally verifiable source and where the 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 in accordance with the relevant Australian standards and the Manufacturer's instructions.

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

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

MAIL: 215 Colchester Road Kilsyth Victoria 3137 (Attention Customer Service)

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.

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