

# PLUMMA'S LARGE DIAMETER

## TYPE G SOLVENT CEMENT

### DESCRIPTION:

**PLUMMA'S LARGE DIAMETER** is a specially formulated resin-based Type G adhesive for bonding large diameter/bore PVC-U pipes with parallel/ no or low interference fit joints. Large Diameter is suitable for pressure or non-pressure PVC-U pipes. It provides high bond strength and the ability to fill small gaps. Bonds are waterproof if the jointing instructions in AS/NZS 2032 are followed

### FEATURES & BENEFITS

- Manufactured to highest quality standards and Quality assurance
- Comes with a 10 Year manufacturers warranty
- Conforms to AS/NZS 3879 – Solvent cements and priming fluids
- Watermark and ISO 9001 accredited
- All packaging is dangerous goods approved for safe transportation and storage
- Tightly engineered caps to minimize risk of leaks
- Available in a range of sizes
- All containers are supplied with a natural bristle brush applicator cap to ensure easy application.
- Proven product performance over several decades and millions of applications around Australia and overseas

### VOC LEVELS

The Green Building Council of Australia has advised that; "Pipe cements" are not relevant to the VOC credit as they have little influence on indoor air quality. Plumbing types are usually installed some time prior to building occupation and any residual 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 use of other adhesives used in countless other indoor applications" (GBCA Technical Clarification Statement PVC Pipe Cements IEQ-13, Clarification No. 43 October 2009) Refer to 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 jointing instructions

### PREPARING THE CUT

- 1) Ensure pipe is cut square and remove burrs
- 2) To ensure correct assembly of joint, mark pipe at distance equal to full socket depth
- 3) Test joint for dry fit
- 4) Clean pipe and inside of socket using a clean cloth freshly moistened with Plumma's Red or Clear Prime Priming Fluid. **Note this step is essential to ensure a satisfactory bond**

### MAKING THE JOINT

- Shake or thoroughly stir Plumma's Large Diameter before using
- Apply Plumma's Large Diameter in full even coats to both surfaces, first to the inside of the socket, followed by the external surface of pipe end.
- Immediately assemble, pushing pipe home to the full depth of the socket
- Hold bonded joint in position for at least 30 seconds
- Do not disturb for 5 minutes
- Allow 24 hours curing before testing

### JOINTING

- The open time of Plumma's Large Diameter, 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.
- 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 to stand filled with water

## PRECAUTIONS

- Keep the lid tightly on the bottle when not in use. Evaporation of the solvents will affect the quality and performance of the product.
- Plumma's Large Diameter has a thick consistency to provide gap filling qualities. DO NOT USE if product is lumpy
- No additive of any kind (including Red/Clear Priming Fluid) is to be mixed with Plumma's Large Diameter
- Do not attempt to artificially speed up drying process of Plumma's Glue Cements by using air dryers/heat guns or similar as this could affect the integrity of the joint
- Avoid spilling Plumma's Red Prime Priming Fluid as dye will permanently stain.

## LIMITATIONS

- Temperatures above 30°C and/or windy conditions can result in premature drying of Plumma's Large Diameter and prevent a satisfactory bond. In such circumstances either apply a second coat or work in shady, sheltered areas protected from wind
- Not suitable for bonding polyethylene or plasticised PVC articles

## PACKAGING

Available in the following sizes and codes

- A6113 PLUMMA'S LARGE DIAMETER TYPE G 1L
- A6114 PLUMMA'S LARGE DIAMETER TYPE G 4L

## STORAGE/SHELF LIFE

- Store in a cool, dry well ventilated place out of direct sunlight
- Shelf life is 2 years from date of manufacture when stored in accordance with manufacturers recommendations

## HEALTH & 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.

## PRODUCT INFORMATION:

<b>Form</b>	Viscous liquid
<b>Colour</b>	Clear
<b>Specific Gravity @ 20°C</b>	0.96 – 0.98
<b>Viscosity @ 20°C, cPs</b>	15000 - 18000
<b>Contents</b>	Contains >700g/L Hydrocarbon liquid

## PERFORMANCE:

AS/NZS 3879 Shear stress test requirements for Type N

DRYING TIME	JOINT STRENGTH TO EXCEED	
20 minutes	0.4MPa	400 kPa or 58 psi
1 day	3 MPa	3000 kPa or 435 psi
60 days	8 MPa	8000 kPa or 1160 psi

**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 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 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

**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.