

# POLYMASTIC

## PRE-MIXED TILE ADHESIVE



### **DESCRIPTION:**

**RLA POLYMASTIC** is a white, acrylic, premixed internal wall adhesive displaying superior non-slump and flexible properties. Polymastic is designed for bonding porous ceramic, mosaic and large format tiles.

### **FEATURES AND BENEFITS:**

- D1TE classification
- Economical
- Flexible and non slump
- Excellent workability and mix consistency

### **USES:**

- Wall tiling to internal areas
- Large format wall tiling
- Fixing general porous ceramic and mosaic tiles

### **SUBSTRATES:**

- Concrete
- Render
- Compressed fibre cement sheeting
- Plasterboard
- RLA wet area membranes\*

\* **IMPORTANT:** Polymastic has limited suitability for use over waterproof membranes. Avoid using large and low porosity tiles over these surfaces and allow for significantly longer drying times

### **SURFACE PREPARATION:**

- Ensure all surfaces are clean, sound, dry, and free from dirt, dust, oil, grease, wax residues, curing compounds, release agents, paints, sharp protruding objects and all other loose and contaminating materials that could compromise the adhesion of the overlaid tiling system
- All surfaces and substrates to be fit for purpose for their intended use and installed as per manufacturers recommendations and relevant building codes enforced at the time of installation
- Rendered surfaces must be allowed to cure for at least 7 days before commencing tiling.
- Steel-trowelled, burnished and dense concrete surfaces must be mechanically abraded to roughen surfaces and provide a key before commencing tiling.

### **PRIMING:**

Highly porous surfaces to be primed before installation of Polymastic

### **POROUS/ABSORBENT SURFACES:**

- Apply **RLA POROUS PRIMER** by brush or roller at a minimum coverage of 1litre/8m<sup>2</sup> per coat to the substrate and allow to dry

### **APPLICATION:**

- All preparation and tiling should be carried out in accordance with AS 3958: 2023 – Installation of Ceramic and Stone Tiles
- Once the surface has been suitably prepared, apply the adhesive onto the substrate using an appropriately sized notched trowel for the tile size
- For tiles larger than 300 x 300mm back-butter the tiles in addition to notching the wall
- Polymastic should be applied onto the substrate at a rate of 1m<sup>2</sup> at time. Application rates greater than this can result in the adhesive skinning before the tiles are laid
- Once the adhesive skins, do not lay tiles into it, remove and re-apply fresh adhesive.
- When placing the tiles, press them into the wet bed of adhesive by using a sliding action. Ensure no voids occur and full coverage of adhesive is under the tiles.
- For tiles with lugs, grooves or uneven backing it may be required to butter the back of the tile with adhesive in addition to trowelling the adhesive onto the substrate.
- The final bed thickness of the adhesive should be at least 2mm
- Once the tiling is completed do not disturb the tiled surface for at least 24 hours at 20°C.

### **COVERAGE:**

- 9m<sup>2</sup> using a 6mm notch (4L pail)

### **EXPANSION / MOVEMENT JOINTS:**

- Movement joints to be installed as per AS3958

### **GROUTING APPLICATION:**

- Grouting application can commence after adhesive has cured for 24 hours at 23°C, or until the adhesive has hardened sufficiently that tiles are well fixed and will not be displaced during the grouting application\*
- Any adhesive that has leached into the grout joint must be raked out with a knife/spatula etc. prior to grouting
- Use **RLA LUMINOUS GROUT** as per product installation recommendations
- Protect tiling from rain and inclement weather until 24 hours after grouting is complete.  
**\*Drying times may be extended in humid conditions and colder temperatures.**

### **CLEAN UP:**

- Excess adhesive from the face of the tiles can be cleaned up with a damp cloth while the adhesive is still in a wet state
- Tools and other equipment can be cleaned using water while the adhesive is still wet

### **PACKAGING:**

- 15litre pails

### **SHELF LIFE & STORAGE:**

- 12 months stored in original unopened packaging
- Best stored in a dry area at room temperature
- Keep off cold floors and out of direct sunlight

### **HEALTH AND 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.

### **LIMITATIONS:**

- Do not apply Polymastic when surface or ambient temperatures are above 35°C and below 5°C.
- Polymastic cannot be used for external applications
- Polymastic cannot be used for floor tiling applications
- Not to be used for immersed applications
- Not to be used for bonding moisture sensitive stone
- Polymastic has limited suitability for use over approved waterproof membranes. Avoid using large and low porosity tiles over these surfaces allow for significantly longer drying times.
- For detailed advice on applications not mentioned in this TDS, contact the RLA Technical Department

<b>TECHNICAL DATA:</b>	
<b>Appearance</b>	White paste
<b>Shelf life</b>	12 months
<b>Packaging</b>	4litre & 15litre pails
<b>Coverage - 6mm notch</b>	9m <sup>2</sup> (4litre pail)
<b>APPLICATION DATA - 23°C AT 50% RH</b>	
<b>Note:</b> Ambient and surface temperatures, humidity, tile and surface porosity will vary dry times	
<b>Open Time</b>	30 mins
<b>Drying time</b>	40 mins
<b>Ready for Grouting</b>	24 hours
<b>CLASSIFICATION</b>	<b>D1TE</b>

**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.