



# RLA 1018 Fast Set Polyurethane Adhesive

## **PRODUCT DESCRIPTION:**

RL1018 is ideal for structural bonding where resistance to high temperatures and water is necessary (confirms to Class D4-DIN EN 204).

## **FOR BONDING:**

Smoothedge, Gripper, Wood Products, Metal Trims Nosings and some Ridge PVC (Not PP or PE) and many other products.

## **SURFACE PREPARATION:**

All surfaces to be bonded shall be absorbent, dry, smooth, sound and clean. Subfloors must also be free of wax, grease, oil, polishes, old adhesive, curing compounds, high levels of moisture hydrostatic pressure and any other impurities that may affect adhesion.

## **APPLICATION:**

Cut the tip off the cartridge, fit nozzle and load into cartridge gun. Cut nozzle as required.

Apply a bead of adhesive to one surface, and push the product together and secure down firmly onto the surface and ensure that the adhesive film up to 3mm thick covers the full width of the product being secured. Pressure may need to be applied to keep the two surfaces in contact while adhesive cures.

Nosings and oversize extrusions should be secured with RL1018 and appropriate fixing screws

## **CURING TIME**

Approximately one hour. The curing time may be reduced by spraying a light mist film of water on the substrate or back of the item being adhered. Skin time 15 minutes without water and 5 minutes with water.

## **TYPICAL PROPERTIES**

Chemical basis:	Polyurethane
Cure mechanism:	Moisture curing
Viscosity:	Thixotropic paste
Tack free time at 23°C & 50% RH:	6 -10 minutes approximately
Shear strength by tensile:	$\geq 12 \text{ N/mm}^2$ approx loading (EN204-D1)
Shear strength by tensile:	$\geq 4,5 \text{ N/mm}^2$ approx loading (EN204-D4)
Initial Lap Shear after 15 minutes:	Approx. 6,0 N/mm <sup>2</sup>
Humidity and water:	Excellence resistance
Application temperature:	$\pm 5^\circ\text{C} - +35^\circ\text{C}$
Temperature resistance:	$- 40^\circ\text{C}/+ 80^\circ\text{C}$
Colour:	Beige
Contains:	Diphenylmethane-4,4 <sup>1</sup> -Diisocyanate

**CLEAN UP:**

Clean tools and dried immediately after use with Cleaners/ Thinners .  
Alternatively please use RLA Handy Wipes.

**CONTAINER SIZES:**

310 ml Cartridges

**SHELF LIFE / STORAGE:**

12 months when stored in original unopened packaging  
To be stored in a dry area off the ground.

**SAFETY & HANDLING**

A Safety Data Sheet is available on request.

Product is classified a HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

**Warranty Statement:**

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

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

RLA Polymers will replace product free of charge when purchased from any legally verifiable source, and where 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 Standard and the Floorcovering Manufacturers instructions and the floorcoverings must have been subject to normal traffic conditions. Warranty doesn't not 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)

**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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