



## 1018 Fast Set PU Adhesive

### PRODUCT

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

### USE FOR

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

### PREPARATIONS

Cut tip off 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

Approx. 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 min. with out water and 5 min. with water.

### CLEAN UP

Remove any wet adhesive with turps or acetone before it cures. When cured by mechanical means.

Contains:Diphenylmethane-4,4<sup>1</sup>-Diisocyanate

Always carry out your own test area to confirm suitability with your application.

### TYPICAL PROPERTIES

Chemical basis	Polyurethane
Cure mechanism	Moisture curing
Specific weight	1.42 + 0.02 gr/cc
Viscosity	Thixotropic paste
Tack free time at 23°C and 50% r.h.	6 minutes approx
Shear strength by tensile loading (EN204-D1)	≥ 12 N/mm <sup>2</sup> approx
Shear strength by tensile loading (EN204-D4)	≥ 4,5 N/mm <sup>2</sup> approx
Initial Lap Shear after 15 minutes	Approx. 6,0 N/mm <sup>2</sup>
Chemical resistance	Excellent
Humidity and water resistance	Excellence
Application temperature	± 5°C - +35°C
Temperature resistance	- 40°C/+80°C
Colour	Beige
Cartridges 310 ml	24 per carton

### STORAGE

RL1018 can be stored for 12 months in its original packing at 5° - 25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time. Keep away from heat sources.

Issued: April 2007

The application, use and processing of our products is the responsibility of the user. Any technical or other advice, information or data provided by us, whether verbally, in writing or by way of trials or tests, is given without guarantee or warranty. Refer to Material Safety Data Sheets for information on Storage & Handling, Health and Safety, and Transport.

### RLA POLYMERS PTY LTD

ACN 004 709 915

215 Colchester Road, Kilsyth, Victoria 3137 Australia  
P.O. Box 147, Kilsyth, Victoria 3137 Australia  
Telephone: (03) 9728 1644 • Facsimile: (03) 9728 6009  
E-mail: info@rlapolymers.com.au

 A British Vita Group Company



67 Dalgety Drive (P.O. Box 97-575)  
Manukau City, Auckland, New Zealand  
Telephone: (9) 268 0301  
Facsimile: (9) 268 0305