

# ATC

## ALIPHATIC POLYURETHANE TOP COAT

### DESCRIPTION

**RLA ATC** is a single pack, liquid applied, aliphatic polyurethane waterproof topcoat designed for application over the RLA PU850 membrane for external, exposed membrane applications. The moisture curing aliphatic technology provides strong protection against UV, while maintaining a durable, highly flexible seamless finish

### FEATURES AND BENEFITS

- Easy to use and apply
- Quick skin time and tack free surface
- Excellent UV protection
- High puncture resistance
- Good chemical resistance
- Permanently flexible
- Fast curing
- Suitable for areas subject to light foot traffic

### USES

- ATC is formulated as a protective topcoat for PU850, providing long-term UV protection and colour fastness

### SURFACE PREPARATION

- All surfaces are to be clean, sound, smooth, and free from loose material, dirt, dust, oil, grease and all contaminating materials that could compromise the adhesion of the overlaid topcoat system
- Surfaces must be completely dry and free from surface water, continuous or residual dampness

### PRIMING

- Priming is not required when installing directly over PU850 if applied within 48 hours of application of the base membrane
- When applying over existing PU850 membrane or for repair work the, surface should be free of contaminants such as dirt, dust and other materials that can affect the adhesion of the ATC
- In this instance, the membrane surface will require a solvent wipe to reactivate and be allowed to flash off before applying the ATC

### APPLICATION & COVERAGE

- Allow the PU850 membrane to cure between 24 to 36 hours prior to installing ATC. Do not leave longer than 48 hours
- Lightly mix with a low speed mixer before use
- Using a brush, medium nap roller or notched squeegee, apply an even and consistent coat to the surface at a coverage of 1litre/3m<sup>2</sup> achieving a wet film thickness (WFT) of 300microns and a dry film thickness (DFT) of 200 microns
- RLA recommends regular testing of the depth of the coat with a wet film thickness gauge at regular intervals during installation
- The application of ATC can be achieved in 1 x coat
- For areas subject to pedestrian traffic, or for enhanced durability, a second coat can be applied at right angles to the first coat
- Recoating of ATC must be done within 24 hours
- If exceeding 24 hours, surface must be lightly sanded, with a fine grade sandpaper and residues removed before recoating

Wet Film	Dry film	Total
300microns	200microns	200microns
<b>Coverage per 15litre pail: 45m<sup>2</sup> (1 x coat)</b> <b>Note:</b> Coverage is dependent upon surface condition and will vary accordingly as uneven surfaces will require greater coverage to achieve the specified film thickness.		

## Non slip finishes:

- [RLA EPILOX F4 FILLERS](#) can be added to ATC for non-slip finishes to pedestrian areas if required
- Apply a first coat of ATC at a coverage of 1litre/3m<sup>2</sup> forming a wet film thickness of 300microns and allow to dry
- Apply a second coat at a coverage of 1litre/6m<sup>2</sup> and wet film thickness of 150microns. The second coat is to be sand seeded by broadcasting the F4 Fillers into the wet coat to achieve 100% coverage
- Sweep/vacuum excess sand from the surface once coating is dry

**Note:** Inclusion of F4 Fillers for non-slip finishes may result in colour variations in the finished coat. Fine, dry quartz / silica sand may be considered as an alternative

**Contact RLA Technical Department for details**

## DRY TIMES

Recoat	6 hours
Maximum recoat window	24 hours
Full Cure	24 hours
<b>Note:</b> Figures based on normal ambient temperatures of 23°C and 50% RH. Temperature, humidity and surface conditions can vary drying times	

## LIMITATIONS

- Do not apply when surface or ambient temperatures are below 5°C or above 35°C
- Must not be applied if raining or if rain is imminent
- Must not be used over damp surfaces as the product will not adhere. Surfaces must dry free from surface water, continuous or residual dampness
- Not suitable for exposure to chlorine levels above 10ppm
- Not to be used as a wearing surface for heavy foot traffic or vehicular traffic
- For detailed advice on applications not mentioned in this TDS, contact the RLA Technical Department

## CLEAN UP

- Clean tools immediately after use with warm soapy water while the membrane is still wet.
- Clean skin and hands using RLA's Handy Wipes.

## PACKAGING

15litre pail

## SHELF LIFE:

- 12 months when stored in original unopened packaging
- To be stored in a dry area off the ground
- Do not store in direct sunlight.
- Keep away from heat sources or sources of ignition

## 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.

TECHNICAL DATA:	
Colour	Grey
Form	Viscous liquid
Specific Gravity	1.25g/cm <sup>3</sup>
Shore A Hardness	65-70
Elongation	>250%
Tensile Strength	>3N/mm <sup>2</sup>

**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 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.

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