

### Description

**GRIPSET LS** is a hard wearing, non-slip top coat designed for application to external floor surfaces on roofs, podiums and balcony areas. Used as the finish coat over suitable Gripset base liquid membranes, Gripset LS is designed to enhance system durability and performance in applications subject to permanent UV exposure, varying climatic conditions, and light foot traffic

### Features & Benefits

- Solvent free and non-hazardous
- Non shrinking, flexible (not elastomeric)
- Resistant to fungi and algae growth
- Excellent weathering properties
- Excellent adhesion to surfaces
- Excellent ponding water resistance
- Foot trafficable
- Can be applied in high build film thicknesses for greater durability
- Provides non slip surface, no sand casting or aggregate addition required

### Application

- Gripset LS is suitable for commercial, industrial and residential applications

### Substrates

- Concrete and screeds
- Compressed fibre cement sheeting
- Exterior grade plywood
- Existing tiles and pavers (in well bonded state)

### Uses

- Rooftops\*
- Decks and Balconies\*
- Exposed rooftop plant and maintenance areas\*
- Walkways\*\*

\* Must be used in conjunction with a suitable base Gripset liquid membrane system - Refer to Gripset 38FC, Gripset P39, Xpress Multi Pro for options

\*\* **Suitable as a non-slip, water resistant coating only. Not to be used as a standalone, elastomeric crack bridging membrane for suspended areas. Refer to Gripset P-39 or Xpress Multi Pro membrane for options**

### Surface Preparation

- All surfaces are to be clean, sound, smooth, dry, and free from loose material, dirt, dust, oil, grease, wax residues, laitance, curing compounds, release agents, existing coatings, moss, algae, sharp protruding objects and general surface contaminants that may compromise the adhesion of the overlaid membrane system
- Structurally unsound layers and surface contaminants to be mechanically removed by grinding, abrasive blasting or equivalent methods
- Masonry surfaces to be pointed flush, and all surface defects including voids, holes, pitted sections, heavy undulations and non-structural cracks to be filled and levelled. Refer to Gripset 11Y enhanced repair mortar or the RLA range of repair mortars and levelling compounds for options
- Building surfaces must be fit for purpose, constructed and installed to manufacturer's recommendations and relevant building standards in force at time of application
- Concrete to be allowed to cure for at least 28 days, and cement render/sand cement screeds allowed to cure for at least 7 days

### Application & Coverage

- As a membrane system for suspended, trafficable areas exposed to weather, Gripset 38FC, P39 or Xpress Multi Pro Membrane is to be applied directly over the substrate as the base/primary membrane layer. Refer to individual TDS for specific application details
- Gripset LS Roof Coat is then to be applied over as the exposed trafficable coating.

	Wet Film	Dry Film	Total film	Total coverage per 15litre pail
1 <sup>st</sup> Coat	750microns	500microns	500microns	10m <sup>2</sup>
2 <sup>nd</sup> Coat	750microns	500microns	1.0mm	
3 <sup>rd</sup> coat*	750microns	500microns	1.5mm	8m <sup>2</sup>

#### \*Optional extra coat for enhanced durability

- Product is to be applied by brush or medium nap roller
- Apply a minimum of 2 coats at a total minimum coverage of 1.5 litres/m<sup>2</sup> to form a 1mm dried film thickness
- For enhanced durability, coverage can be increased by applying a third coat at a total minimum coverage of 2litres/m<sup>2</sup> to form a 1.5mm dried film thickness
- Apply subsequent coats at different directions to the previous coat.
- A wet film gauge should be used to regulate correct coverage of each coat

**Note:** Coverage is dependent upon surface condition and will vary accordingly as uneven and porous surfaces will require greater coverage to achieve the specified film thickness.

### Drying times

<b>Re-coat:</b>	4 hours
<b>Dry film / Light Foot Traffic</b>	24 hours
<b>Full Cure / Flood test:</b>	10 days

#### Important :

Drying times are based on ambient temperatures @ 23°C and 50% RH. Drying times may vary subject to ambient/surface temperatures, humidity and substrate porosity  
Drying/curing times will be extended in cooler conditions and periods of high relative humidity

### Clean up

- In water while membrane is in a wet state
- Dried product will need to be removed mechanically

### Shelf life and Storage

- 12 months when stored in original unopened packaging
- Avoid freezing conditions and off of cold floors
- Best stored at room temperature
- Do not store in direct sunlight

### Container sizes

- 15Litre pails

### Precautions

- Do not apply to areas when rain is imminent
- Not to be used for areas subject to vehicular traffic or commercial foot traffic
- Not to be used as a standalone, elastomeric crack bridging membrane. Refer to Gripset P-39 membrane or Xpress Multi Pro for options
- Do not use in areas subject to rising damp or negative hydrostatic pressure
- Do not apply when surface temperature is below 5°C or above 35°C
- For further information about this product contact RLA Technical Department

### 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

Form	Heavy viscous paste
Colour	Wet/dry: Light grey
Specific Gravity	1.56kg/litre
Shore A Hardness (ASTM D2240-97)	108
Elongation (AS1145.3)	45%
Accelerated Weathering (Xenon Arc)	1.7%
Water Vapour Transmission (ASTM E96 Desiccant method)	2g/Pa.s.m <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.

### 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.

### GRIPSET LS TDS

Issue Date: 21/02/2025

Author: AR



**Address :** [215 Colchester Road Kilsyth Victoria 3137](#)

**Phone:** +61 (8) 8124-7300 or 1800 650 435

**Email:** [technicalsupport@rlapolymers.com.au](mailto:technicalsupport@rlapolymers.com.au)

**Website:** [www.gripset.com](http://www.gripset.com)