

PLASTINEX

HIGH PERFORMANCE ACRYLIC POLYMER ADDITIVE

DESCRIPTION:

RLA PLASTINEX is a premium acrylic polymer concentrate designed to enhance the performance, durability and general properties of cement based compounds in a range of applications.

FEATURES & BENEFITS:

- Concentrated formulation for economical coverage
- Improves adhesion
- Improves water resistance and waterproof properties
- Improves workability and mix consistency
- Improves flexural strength
- Improves abrasion resistance and overall durability
- Suitable for external, underground and immersed environments

USES:

- Enhanced renders and screeds
- High bonding slurry and key coats
- Enhanced mortars
- Repair mortars
- Enhanced cement based adhesives
- General primer for porous surfaces

SUBSTRATES:

- Concrete
- Concrete block
- Screed and render
- Masonry
- Aerated concrete
- Compressed fibre cement sheeting
- Plasterboard

SURFACE PREPARATION:

- All surfaces are to be clean, sound, smooth, dry, and free from loose material, dirt, dust, oil, grease, wax residues, curing compounds, release agents, existing coatings, moss, algae, sharp protruding objects and all contaminating materials that could compromise the adhesion of the overlaid priming system
- Building surfaces must be fit for purpose and constructed to manufacturer's recommendations and building standards in force at time of application

- Structurally unsound layers and surface contaminants to be mechanically removed by grinding, abrasive blasting or equivalent methods
- Concrete must be allowed to cure for at least 28 days
- Extremely high MPa concrete, high burnished or steel trowelled concrete that does not accept any water absorption on testing should be mechanically abraded/ diamond ground to facilitate adhesion

APPLICATIONS:

General primer for porous surfaces

Uses

- General primer over porous substrates for render, screed, and tiling applications

Application

- Mix 1 part Plastinex to 4 parts water by volume
- Apply by brush or roller and work into the substrate

High bonding slurry/splash coat

Uses

- High bonding primer for optimal adhesion of overlaid enhanced renders, screeds and repair mortars

Application

- Mix 1 part of Plastinex, 1 part neat cement and 1 part sand (by volume) until well combined
- Brush, roll or broom slurry primer working into surfaces ensuring full coverage
- For highly porous surfaces, a light water mist or coat of the Plastinex General Primer can be applied to surfaces prior to the application of the slurry primer

High performance screeds

Uses

- Internal and external wet areas over/under RLA waterproof membrane systems

Application

- Pre-mix 1 part Plastinex to 4 parts water by volume as gauging liquid
- Combine gauging liquid and dry components to achieve the desired consistency
- Apply screed over wet/damp coat of slurry primer as a "wet on wet" application for optimum bond strength

Waterproof render

Uses

- Internal pool surfaces – smoothing or patching layer to off form and shotcrete concrete pools
- High performance render for surfaces exposed to harsh climatic conditions

Application

- Mix 1 part GP Cement to 4 parts plastering sand by volume
- Pre-mix 1 part Plastinex to 2 parts water by volume as gauging liquid
- Combine gauging liquid and dry components to achieve the desired render consistency
- Apply render mix over wet/damp coat of slurry primer as a “wet on wet” application for optimum bond strength

Repair and high performance mortars

Uses

- High bonding, low shrinkage patch repairs to concrete and masonry surfaces to internal, external, underground and immersed areas
- Enhance adhesion and performance of general mortars

Application

- Mix 1 part GP Cement to 3 parts sand by volume
- Pre-mix 1 part Plastinex to 2 parts water by volume as gauging liquid
- Combine gauging liquid and dry components to achieve the desired mortar consistency
- Apply repair mortar over wet/damp coat of slurry primer as a “wet on wet” application for optimum bond strength

Grout & Tile Adhesive Additive

Uses

- Enhanced flexibility, water resistance, adhesion and general performance of cement based adhesives and grouts

Application

- Pre-mix 1 part Plastinex to 4 parts water by volume as gauging liquid
- Combine gauging liquid and dry components at the selected adhesive/grout recommended mixing ratio

PLASTINEX MIXING GUIDE (Parts by volume)

	WATER	PLASTINEX
Slurry splash coat		Undiluted
High performance screeds	4	1
Waterproof Render	2	1
Repair mortars	2	1
Grout / Tile adhesives	4	1
Porous surface primer	4	1

CLEAN UP:

- Excess product, tools and general equipment can be cleaned using water while the product is still wet.

SHELF LIFE / STORAGE:

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

CONTAINER SIZES:

- 5litre & 20litre containers

LIMITATIONS:

- Do not apply Plastinex in any form when surface or ambient temperatures are above 35°C or below 5°C.
- Do not apply when raining or when rain is imminent
- Not to be applied over surface subject to rising damp
Refer to [RLA MOISTURE SEAL](#)
- For detailed advice on applications not mentioned in this TDS, contact the RLA Technical Department

TECHNICAL DATA:

Form	Thin liquid
Colour	White

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.

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

MAIL: 215 Colchester Road Kilsyth Victoria 3137
(Attention Customer Service)

WEBSITE: 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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