

Description

GRIPSET 11Y is a concentrated SBR latex polymer admixture specifically formulated to enhance adhesion, strength, water resistance and general performance of cement based compounds. Use in screeds, renders and mortars for general, and more demanding applications including areas exposed to weather, continuous immersion, and subterranean areas.

Features & Benefits

- Improved adhesion strength
- Reduced water/cement ratio
- Increased flexural strength and durability
- Improved water resistance and waterproof properties
- Improved crack, frost and salt resistance
- Reduction of permeability to gases and liquids
- Higher early strength development & reduced shrinkage
- Improved resistance to aggressive conditions
- Excellent resistance against freeze/thaw cycles and de-icing salts
- Improved abrasion resistance

Substrates

- Concrete
- Masonry surfaces, renders, screeds.
- Concrete blocks and aerated concrete.
- Clay bricks and pavers.
- Cement sheeting
- Marine plywood and wet area particle board.
- Asphalt and cured bitumen surfaces.
- Existing acrylic coatings and Gripset membranes.

Note: Before using over existing paints, membranes, coatings or other surface finishes contact RLA Technical Department for correct advice on surface preparation and suitability

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 and general surface contaminants that may compromise the adhesion of the overlaid system
- Structurally unsound layers and surface contaminants to be mechanically removed by grinding, abrasive blasting or equivalent methods
- Building surfaces must be fit for purpose and constructed to manufacturer's recommendations and relevant building standards in force at time of application
- Substrates subject to active moisture or rising damp must be treated with [GRIPSET E60](#)

Application: High bonding primer/sealing slurries

Uses

- High bonding primer system before the overlay of **11Y enhanced** renders, screeds and repair mortars
- High bond slurry primer for overlay of [GRIPSET C-BED](#) engineered screed
- High performance primer for immersed and underground areas
- High performance primer over porous concrete and blockwork
- As a thin build waterproof protective slurry coat

Primer slurry mix design

- Measuring parts based on volume create a slurry mix by adding the following components to a clean mixing pail:

1 part Gripset 11Y
1 part wash sand
1 part cement

- Mix slowly using an electric mixer with paddle attachment to form a fluid slurry consistency
- Allow 3-4 minutes to settle before lightly re-stirring ensuring all solids are suspended within the mix

Application

- Apply slurry mix by brush, medium nap roller, broom or squeegee to form a film thickness of 1.0mm.
- Very porous surfaces can be lightly dampened prior to application.

Coverage

- Coverage of slurry primer is 1 litre of Gripset 11Y per 3m²

High performance screeds and renders

Uses

- Water resistant, high bonding screeds and renders in areas subject to moisture
- Reducing incidents of efflorescence in screeds and renders subject to moisture

Mix design

- Measuring parts based on volume, mix dry ingredients consisting of 1 part of cement and 4 parts fine wash grade sand
- Measuring parts based on volume, form a mixing liquid consisting of Gripset 11Y and water at a 1:3 ratio
- Combine mixing liquid and dry ingredients and mix to form the desired consistency for the application

Application

- Prior to applying render or screed the **11Y Primer/sealing slurry** must first be used to prime surfaces.
- For optimum adhesion onto surfaces, apply finish onto the wet or damp primer as a "wet on wet" application

Patch mortars

Uses

- Water resistant patch mortars
- Water resistant thin build coatings to immersed areas and general areas subject to continuous moisture

Mix design

- Measuring parts based on volume, mix dry ingredients consisting of 1 part of cement and 3 parts fine wash grade sand
- Measuring parts on volume form a mixing liquid consisting of Gripset 11Y and water at a 1:1 ratio
- Combine mixing liquid and dry ingredients and mix to form the desired consistency for the application

Application

- Prior to applying the patch mortar, the 11Y Primer/sealing slurry must first be used to prime surfaces.
- For optimum adhesion onto surfaces, apply finish onto the wet or damp primer as a "wet on wet" application.
- Minimum build for thin build coatings is 3mm

Cement based adhesive and grout enhancer

Uses

- Improving water resistance and adhesion of cement based adhesives and grouts subject to challenging conditions, harsh climatic conditions including immersed areas

Mix design

- Measuring part on volume form a mixing liquid consisting of Gripset 11Y and water at a 1:3 ratio
- Combine mixing liquid and dry ingredients and mix to form the desired consistency for the application

Clean up

- In water while wet
- Wash tools with water immediately after use. Do not let mixed compounds dry on tools
- Dried product needs to be removed mechanically

Shelf life and Storage

- Best stored at room temperature.
- Avoid cold freezing conditions and off concrete floors.
- Do not store in direct sunlight.
- Shelf life: 12 months in unopened container

Packaging

- 5 litre and 15 litre pails

Precautions

- When using for bonding agent applications, ensure sand is a sharp wash grade. Fresh Portland cement should always be used
- Do not use on glass or glazed surfaces.
- Not to be applied over raw steel or metals unless otherwise specified
- Not to be used for priming areas with rising moisture or negative hydrostatic pressure
- 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. Safety Data Sheet (SDS) available

Technical Data

Form	Thin liquid
Colour	White



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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 11Y TDS

Issue Date: 01/10/2024

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