



Latex waterproofing additive & adhesion enhancer

Description

Gripset 11Y represents the latest in SBR latex technology. Specifically formulated for use in cement based compounds, Gripset 11Y will enhance adhesion, strength and waterproof properties of screeds, renders and general cementitious toppings.

Gripset 11Y is able to be used in areas exposed to weather, chemicals, continuous immersion, internal and under ground areas. Suitable for remedial applications and new construction.



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 workability at reduced water demand
- Improved abrasion resistance
- Solvent free, non toxic and environmentally safe

Application

Gripset 11Y is suitable for commercial, industrial, mining and residential applications.

Waterproofing uses

- Primer & sealing slurries
- Repair mortars
- Cement based corrosion protection
- Waterproof renders, screeds
- Waterproof fillets & Patch mortar
- Potable water storage
- Grout and cement based adhesive additive

Substrates

Substrates suitable for Gripset 11Y applications include:

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

Before using over existing paints, membranes, coatings or other surface finishes contact technical department of Gripset Industries for correct advice on surface preparation and suitability.

Surface preparation

Surfaces must be prepared thoroughly before commencing application. All substrates must be structurally sound, stable, dry, and clean, with substrate compressive strength a minimum 25MPa and cohesive strength a minimum 1.5MPa. Rough surfaces are to be evened or filled first (refer to Gripset 11Y). Building surfaces must be constructed to manufacturer's recommendations and relevant building standards in force at time of membrane application. All surfaces are to be free of sharp protruding surfaces, loose material, de-bonded coatings, curing membranes/agents, release agents, wax residues, foreign particles, laitance, algae and moss, grime, oils, animal fats or grease remains.

Structurally unsound layers and surface contaminants are to be mechanically removed by abrasive blasting, blast tracking, grinding or equivalent methods. For thorough surface preparation, refer to Gripset SC (algae and moss remover) and Gripset DG (water based oil degreaser) products.

When using as:

As a primer and sealing slurry:

- Measuring parts based on volume, mix 1 part of cement + 1-2 parts of fine sand + 1 part of Gripset 11Y. Stir slowly to form a slurry consistency and allow 3-4 minutes to settle before lightly re-stirring.
 - Brush apply to form a thickness of 0.5-1.0mm. Best results achieved in 2 coats.
- For very porous surfaces, the surface should be dampened prior to application.



Latex waterproofing additive & adhesion enhancer

To waterproof and enhance adhesion of renders and screeds:

- Measuring parts based on volume, mix 1 part of cement to 3 parts sand (fine wash grade). If using lime with the render/screed mix, ensure volume to be added is no greater than 20% of cement. Form a mixing liquid consisting of Gripset 11Y and water at a 1:3 ratio, and mix into the sand/cement compound to form the desired consistency for the application.
- For waterproof mortar/render, using Gripset DM powder, add 2 litres of Gripset 11Y per 20kg bag and commence mixing. Add water to adjust viscosity if required.

Note: prior to applying render/screeds, primer specified above must first be used over surfaces. Apply render/screed onto a wet or damp primer as a "wet on wet" application.

To improve water resistance and adhesion of cement based adhesives and grouts:

- Form a mixing liquid consisting of Gripset 11Y and water at a 1:3 ratio. Mix into the dry compound and stir slowly to form the desired consistency for the application. For immersed areas, a 1:2 ratio is recommended.

Refer to individual Gripset 11Y specification sheets for specialised applications of:

- Cement based Corrosion Protection
- Repair Mortars
- Water Tanks

Important notes

- When using for bonding agent applications, ensure sand is a sharp wash grade. Fresh Portland cement should be always be used, cool and free of lumps. When using as a waterproof render/screed (as detailed above), this is to be applied over a **wet** coat of primer slurry (as detailed above).
- Not to be used over wax/oily surfaces, glass, fibreglass or plastic.
- Individual specifications for use of Gripset 11Y should be referred to before use or refer enquiries to office of Gripset Industries

Technical data

Appearance	White
Form	Thin liquid
Specific gravity	1kg/litre
pH	8-9

Storage

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

Packaging

- 5 litre and 15 litre pails (with spout); 200 litre drums and 1,000 litre IBC

Precautions

- Although this product is non hazardous and water based, contents should not be swallowed or inhaled. In case of eye contamination, rinse with clean water and seek medical advice.
- Material Safety Data sheet (**MSDS**) available.
- For further information about this product contact technical department of Gripset Industries.

Contact details

Gripset Industries Pty Ltd
ABN: 41 094 789 929
Telephone: +61 (8) 8124-7300 or 1800 650 435
Email: techenquiries@gripset.com
Website: www.gripset.com

Product disclaimer

This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Gripset Industries does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.