

# GP-100

## GENERAL PURPOSE MEMBRANE PRIMER

Page 1 of 3

### Description

Danlaid GP-100 is a unique multi purpose 2 in 1 primer and waterproof bonding agent. It is used as a primer to enhance surface adhesion of Danlaid membranes and is also suitable as a tile/paint primer.

As a waterproof bonding agent, Danlaid GP-100 improves the bonding strength of cement based compounds while enhancing waterproof properties of mortars, slurries, grouts and cement based adhesives. When used as an additive, Danlaid GP-100 is suitable in areas exposed to water, harsh climatic conditions and fully immersed areas.

### Features & benefits

#### As a primer

- Excellent adhesion over porous and non porous surfaces.
- Fast drying, enabling membrane application to be carried out after 20-30 minutes.
- Economical surface coverage of up to 1 litre/8m<sup>2</sup>.
- Fully compatible with Danlaid membranes, general tile adhesives, renders, mortars and acrylic paints.
- Suitable for internal and external applications.

#### As a bonding agent

- Improved bond strength in areas subject to moisture, weather or immersion.
- Improved water resistance and waterproof properties.
- Improved crack, frost and salt resistance.
- Improved durability.

Note: Danlaid GP-100 is water based, non toxic, user friendly and environmentally safe.

### Application

Danlaid GP-100 is suitable for commercial, industrial and residential applications.

#### Primer applications

- For Danlaid membrane applications.
- Tile, rendering and paint primer (acrylic paints only).

#### Waterproof bonding agent applications

- Exposure to weather, e.g. beach fronts, façade walls, feature walls.
- For high strength screeds and renders.
- Immersed areas, e.g. tanks, ponds, water features and pools.
- Patch and repair mortars.
- Grouts exposed to weather and water.
- Cement based adhesives for glass blocks, kerb stones, tiles and fixtures.



our floors support everyone's needs

• epoxy flooring • floor levelling • scarifying and grinding • tile & screed removal • remedial concrete works • water proofing & tanking • caulking • expansion joints

# GP-100

## GENERAL PURPOSE MEMBRANE PRIMER

Page 2 of 3

### Substrates

Substrates suitable for bonding Danlaid GP-100 over include:

- Concrete, masonry surfaces, renders, screeds.
- Concrete blocks and aerated concrete
- Cement sheeting, plaster board and general wet area linings.
- Marine plywood and wet area particle board.
- Existing acrylic coatings and Danlaid membranes.

Before using over existing paints, membranes, coatings or other surface finishes contact technical department of Danlaid Contracting 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:

- For Danlaid membranes, apply product neat. Do not dilute
- Paint, tile or render primer:
  - Porous surfaces dilute 1 part Danlaid GP-100 : 2 parts water
  - Non porous surfaces use neat, no dilution
- Can be applied by brush, roller or airless spray.

#### As a waterproof bonding agent:

- Waterproof high bonding slurry coat – mix by volume 1 part Danlaid GP-100 : 1.5 parts of cement and brush apply. 2 coats should provide approx. 0.5mm thickness
- Waterproof render/screed – (0-10mm thick) use a solution of 1 part Danlaid GP-100 : 1.5 parts water. For (Thickness of 10mm +) use solution of 1 part Danlaid GP-100 : 2.5 parts water.
- Concrete mix – 250ml of Danlaid GP-100 for every 1kg of cement in the render mix. Once Danlaid GP-100 has been mixed into mortar, water can be added as required.
- Grouts and cement based adhesives – use a solution of 1 part Danlaid GP-100 : 1 part of water into grout/cement adhesive mix.
- Can be applied by brush, trowel, steel float and spatula.



our floors support everyone's needs

• epoxy flooring • floor levelling • scarifying and grinding • tile & screed removal • remedial concrete works • water proofing & tanking • caulking • expansion joints

# GP-100

## GENERAL PURPOSE MEMBRANE PRIMER

Page 3 of 3

### 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

- 20 Litre plastic tubs.

### Precautions

- 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).
- Do not use on glass or glazed surfaces.
- Do not apply over curing compounds, wax/oily surface, fibreglass, plastic or silicone treated surfaces.
- Not to be applied over raw steel or metals unless otherwise specified in this data sheet.
- 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 Danlaid Contracting.

### Technical data

Form	Thin liquid
Colour	White
Specific gravity	1kg/litre
pH	8 – 9

Statements made in this bulletin are for the assistance of our customers. They are based on our experience and judgement but must not be regarded as amounting to a legal warranty or as involving any liability on our part.

for further information please contact:

#### DANLAID CONTRACTING

43 De Havilland Rd  
Mordialloc, VIC, 3195  
Ph: (03) 8514 6300  
Fax: (03) 8514 6310

email: [sales@danlaid.com.au](mailto:sales@danlaid.com.au)  
web: [www.danlaid.com.au](http://www.danlaid.com.au)



our floors support everyone's needs

• epoxy flooring • floor levelling • scarifying and grinding • tile & screed removal • remedial concrete works • water proofing & tanking • caulking • expansion joints