

## Description

Gripset GC Pro is a unique, single component waterproof bedding compound for use with the Gripset GC sheet membrane suite. Incorporating the latest fast drying technology, GC Pro displays outstanding primer-less adhesion over various substrates including concrete, masonry screed and fibre cement sheeting.



## Features & Benefits

- Water based, free of solvents, non-toxic and non-flammable
- Waterproof
- Primer-less adhesion
- Fast drying
- Suitable for internal and external use
- Can be applied over damp surfaces
- Excellent workability and easy to apply
- Roller or trowel applied
- Compatible with Gripset liquid membranes
- Handles flood testing conditions
- Compatible bonding surface for tiles, screeds and toppings

## Application

Gripset GC Pro is suitable for commercial and residential applications.

## Waterproofing Uses

- Bedding compound for the GC sheet membrane suite for internal and external applications
- Note: Always refer to the individual TDS for the Gripset GC sheet variants for suitability for different applications

## Substrates

Substrates suitable for the GC Pro Adhesive include:

- Concrete
- Render, screeds and general masonry surfaces
- Concrete blocks and clay brick
- CFC, cement sheet, plaster board surfaces
- Hardies Scyon<sup>™</sup> Secura<sup>™</sup> Internal Flooring
- Particleboard flooring (Structaflor etc)
- Plasters and general mineral surfaces
- Aerated concrete panels and blocks

## Surface Preparation

### General

Substrates to which the membrane is to be applied must be structurally sound and stable. All building surfaces which the membrane system is to be applied are to be installed as per manufacturers recommendations, in line with relevant building standards in force at time of the application. Surfaces must be smooth, dry and clean. Rough surfaces, voids, hollows and surface depressions to be evened or filled first and all brick/block surfaces to be pointed flush. Refer to Gripset 11Y/DM repair mortar. All surfaces are to be free of sharp protruding objects, loose material, de-bonded or existing coatings, curing membranes/agents, release agents, wax residues, foreign particles, laitance, algae and moss, grime, oils, animal fats, grease remains and any contaminants that could compromise the adhesion of the overlaid membrane system. Structurally unsound layers and surface contaminants are to be mechanically removed by abrasive blasting, blast tracking, grinding, high pressure cleaning or equivalent methods. Leak control flanges are to be rebated into floor surface enabling lip of flange to sit flush with surrounding substrate.

### Concrete:

Cured for a minimum of 28 days or sealed with Xpress H20 Primer Plus. Surface to be free from all curing compounds, release/wax agents and compounds that can affect adhesion. Steel trowelled, highly burnished/power float finished concrete to be ground to a CSP2 finish. (refer to GC All Purpose Adhesive for dense/burnished concrete finishes)

### Screeds:

Cured for 7 days or sealed with Xpress H20 Primer Plus

### Compressed Fibre Cement Sheeting:

Wet area suitable and installed as per manufacturers recommendations

### Plasterboard:

Wet area suitable and installed as per manufacturers recommendations

### Particleboard:

All wax/protective sealer residues and weathered/splintered sections to be removed and sanded smooth. Sheeting to be installed as per manufacturers recommendations

## Priming

Priming over compatible surfaces is not required when using GC Pro Adhesive to fix the GC sheet membrane suite. Highly porous surfaces can be primed with Gripset GP Primer or sprayed with light water mist prior to adhesive application for enhanced workability. Ensure surface is free of standing water when water misting.

For porous substrates with a surface prone to forming a surface dust after correctly preparing, including aerated concrete or similar, surfaces should be primed with Gripset GP Primer to seal any surface dust from compromising adhesion of the adhesive.

## Fixing Details

General porous substrates; includes concrete, screed, standard CFC sheeting

Apply GC Pro Adhesive using a medium nap roller or 2.4mm notch tooth trowel onto the surface, ensuring 100% coverage of adhesive to where the membrane is to be laid. Unroll the GC membrane into the wet bed of adhesive and using a flat steel float, smooth roller or similar, press the sheet into the adhesive to ensure a firm bond to the adhesive bed, removing any air pockets or excess adhesive

Semi porous floor sheeting; includes Hardies Scyon Secura, BGC Durafloor, CSR Cemintel

Gripset DM is to be added into the GC Pro Adhesive for bedding the GC sheet membrane suite over the abovementioned substrates to facilitate drying.

Mixing:

Add 5% of Gripset DM to the volume of GC Pro Adhesive. Mix components thoroughly using a paddle mixer drill attachment until well combined and evenly dispersed

Example: 1 x 15litre pail will require 750mls of Gripset DM

Important:

- Once Gripset DM has been added contents must be used within 1 hour
- The addition of Gripset DM will also reduce dry times/ work times. This needs to be taken into consideration when applying in warmer conditions

## Adhesive Coverage

- A minimum 0.8mm wet bed of GC Pro Adhesive is to be formed for bonding the GC sheet membrane suite.
- General consumption is approximately 1.2m<sup>2</sup> per litre applied with a 2.4mm V notch trowel or medium nap roller.
- Adhesive coverage is dependent upon surface condition and will vary accordingly as uneven surfaces will require greater coverage to achieve the required bed thickness
- 1 x 15Litre pail of Gripset GC Pro Adhesive will cover approx. 18m<sup>2</sup> of area to adhere the GC sheet suite to the surface.

## Storage conditions

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

## Packaging

- 15Litre pails

## Precautions

- Not designed for use over glazed, metals, or totally impervious substrates
- Do not use in areas subject to rising damp or negative hydrostatic conditions
- Flood testing able to commence after 24 hours of finished application.
- When pre-dampening surfaces, ensure surface is free of ponding water
- Do not apply when surface temperatures are below 5oC or above 30oC
- Ensure surfaces are free of frost and ice.
- All finish coatings over this adhesive must be water based and solvent free.
- Safety Data sheet (SDS) available.

## Clean up

- Clean up with water while wet.
- Once dried product needs to be removed mechanically or by solvent

**TECHNICAL DATA**

<b>Appearance</b>	Wet and dry film - Blue
<b>Form</b>	Viscous Paste
<b>Drying</b>	Working time: 5 minutes Tack Free: 1 hour Dry film - 2 hours Set time: 24 hours Flood test: 24 hours
Based on normal ambient temperatures of 23°C and 50% RH	
*Temperature, humidity and porosity will vary dry times	
<b>Specific gravity</b>	1.5kg/litre
<b>VOC Content</b>	9g/litre

**Notes**

It is recommended before commencing the application; that adhesion of products to be used (e.g. primers, membranes, coatings adhesives etc) is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. Gripset Industries offers a service for pre-testing adhesion to surfaces for large commercial areas or unusual substrates. For further details contact Gripset Industries.

Details contained in product data sheets are general. For any situation or items not covered in this data sheet, it is the responsibility of the applicator to check with Gripset Technical Services before commencing the application. A written confirmation will then be issued by Gripset Technical Services.

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**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.