

Description

Gripset GC Pro 2 is a high performance, 2-part waterproof bedding compound for use with the Gripset GC sheet membrane suite. Based on water-based epoxy technology, GC Pro 2 displays outstanding primer-less adhesion over a range of building substrates

Features & Benefits

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

Application

Gripset GC Pro 2 is suitable for commercial and residential applications

Adhesive Uses

Bedding compound for the complete GC sheet membrane suite

Substrates

Suitable substrates for the GC Pro 2 Adhesive includes:

- * Concrete
- * Render, screeds and general masonry surfaces
- * Concrete blocks and clay brick
- * Glass reinforced concrete
- * CFC, cement sheet, plaster board surfaces
- * James Hardie™ Scyon™ Secura™ external/internal flooring
- * Particleboard flooring (Structaflor etc)
- * Plasters and general mineral surfaces
- * Aerated concrete panels and blocks

Surface Preparation

Surfaces must be prepared thoroughly before commencing application. All substrates must be structurally sound, smooth, stable and clean.

Rough surfaces and voids to be evened or filled first and all brick/block surfaces to be pointed flush. (refer to Gripset 11Y for concrete/masonry repairs). All general surface defects to be repaired.

Steel trowelled, smooth shiny concrete is to be roughened or etched to achieve an open porous surface with a fine profile

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 objects, 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.

Priming

On general porous surfaces priming is not required. Surface can be lightly pre-dampened with a light water mist.

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

Mixing

1. Lightly stir parts A and B to ensure a homogenous consistency before mixing commences
2. Measuring by volume, add equal parts of Part A and Part B into a clean pail or mixing container. Using an electric stirrer with paddle attachment, thoroughly mix the 2 components at low-medium speeds for approx. 3 minutes until a homogenous consistency is formed
3. Allow the product to settle for 5 minutes after mixing before use

Important: Only mix what can be consumed within the 2hour pot life referencing the specified coverage rate.

Application

Gripset GC Pro 2 Adhesive can be applied using 2.4mm V notch trowel or medium nap roller. Apply adhesive onto the surface, ensuring 100% coverage to where the GC sheet membrane is to be laid. Wet film thickness of adhesive should be approximately 0.7mm. 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.

Once the GC sheet has covered the floors/walls, the Elastoproof system is to be adhered at wall/floor junctions as the bond breaker.

IMPORTANT: Avoid pedestrian traffic directly over the installed GC sheet while adhesive is still in a wet state. It is advisable to lay corflute or other protective board directly over the GC sheet to allow for traffic and when installing the Elastoproof Bond Breaker System

Adhesive coverage

When applying the adhesive to surfaces, a 0.7mm wet bed of adhesive is to be formed. Adhesive coverage is dependent upon surface condition and will vary accordingly as uneven surfaces will require greater coverage to achieve the required bed thickness

General consumption for the GC Pro 2 Adhesive is approximately 1.5m² per litre. A 20 Litre kit of Gripset GC Pro 2 Adhesive will cover approx. 30m² of area to adhere the GC sheet 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

20Litre kits - Part A & Part B in 10litre plastic pails

Precautions

- * Gloves and eye protection should be used when handling/using this material
- * Keep containers in well ventilated areas ensuring lids are correctly sealed
- * Ensure adequate ventilation while using and avoid inhalation of vapours
- * Do not apply when surface temperature is below 10°C or above 35°C.
- * Avoid spillage into water courses and drains where possible
- * Safety Data sheet (**SDS**) available.
- * For further information about this product contact technical department of Gripset Industries.

Clean up

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

Technical Data

Appearance	Wet and dry film – Light grey
Form mixed	Viscous Paste
Drying	Working time: 20 minutes Tack Free: 4 hours Set time: 24 hours Tiling or toppings over: 4 hours Flood test: 24 hours
Based on normal ambient temperatures of 25°C and 50% RH *Temperature, humidity and porosity will vary dry times	
Pot Life	2 hours
Mixing ratio:	1:1
Wet film thickness:	700 micron/0.7mm

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.

Gripset Industries Pty Ltd

ABN: 64 137 930 093

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.