

## Description

Gripset OP is a solvent free primer specifically developed with adhesion enhancing properties on metals, non-porous, dense and smooth substrates. It is designed for use on both vertical and horizontal surfaces, achieving high adhesion without the need for etching or using solvents. Ideally suited for the application of Gripset membrane coatings, adhesives and mortars to enable ease of bond to difficult substrates.



## Features & Benefits

- Solvent free alternative to dangerous solvent based primers
- Bonds to a variety of metal, plastic, glazed, smooth & dense surface
- Super adhesion properties
- Ease of application
- Very low dirt retention, non-tacky
- Suitable for internal and external applications
- Can be directly covered over with Gripset membranes or enhanced adhesives and mortars
- Time saving, user friendly and environmentally safe

## Application

- Gripset OP is suitable for commercial and residential applications.

## Substrates

- Metals including: galvanised iron, zincalume, aluminium, stainless steel, copper, brass treated steel, colorbond sheeting
- Precast and tilt up concrete, glass reinforced concrete
- Hardwood and dense timber surfaces
- Existing ceramic tiles, vitrified tiles and natural stone
- Brickwork (clay and concrete)
- Compressed cement sheeting, plasterboard surfaces
- James Hardie™ Scyon™ Secura™ external/internal flooring
- Polymer mortars, synthetic mortars, smooth self-levelling compounds
- Marine plywood and timber sheet surfaces
- Glass
- Rigid plastic surfaces
- Existing water based paint work and acrylic membrane coatings
- General surfaces where absorbing primers are not suitable or where adhesion enhancement is required agent

**IMPORTANT:** 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

### 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 coating/finish. Structurally unsound layers and surface contaminants are to be mechanically removed by abrasive blasting, blast tracking, grinding, high pressure cleaning or equivalent methods.

### Concrete

Cured for a minimum of 28 days (Refer to **Gripset E60** or **Xpress H20 Primer Plus** options for damp/green concrete)

### Compressed Fibre Cement Sheeting

Wet area grade. Installed as per manufacturers recommendations

### Plasterboard

Wet area grade. Installed as per manufacturers recommendations

### Metals

Free from oils, grease, grime and rust

### Existing tiles

Well bonded and free from loose material, grime, soap scum, mould/mildew and cleaning product residues

## Application and Coverage

- Stir product well before using and apply product using a low/medium nap roller or long bristle brush. Ensure coverage is even to the surface being treated. Contact Gripset Technical Services for details on spray application.
- **Coverage:** On smooth, non-porous surfaces, such as metal, glass reinforced concrete, glazed tiles, a minimum coverage per coat of 1 litre/12m<sup>2</sup> is required.
- Depending on the absorbency and nature of the surface, coverage of up to 1 litre/8m<sup>2</sup> may be required.
- As a primer for tiling directly over existing tiles or non absorbent surfaces in non wet areas, 2 x coats of OP Primer is recommended at the specified coverage

**IMPORTANT:** OP Primer does not replace a required waterproofing membrane system. When tiling over existing tiles for in internal/external wet areas, OP Primer must be covered with a suitable under tile membrane system. Refer to Gripset under tile membrane systems for further details

## Storage conditions

- Best stored at room temperature.
- Avoid cold freezing conditions and off concrete floors.
- Do not store in direct sunlight.
- Shelf life: 24 months in unopened container

## Packaging

- 1 litre, 5 litre and 15 litre pails

## Precautions

- Not to be used as primer for areas with rising moisture or negative hydrostatic pressure
- Not designed as a trafficable/exposed surface finish
- Not suitable for applications where solvent based materials are to be directly applied over the primer surface, e.g. adhesives, coatings, paints
- Ensure primer is dried before applying subsequent membranes, coatings, adhesives
- Must be overcoated with suitable under tile membrane system when tiling over existing tiles in internal/external wet areas
- Safety Data Sheet (SDS) available
- For further information about this product contact technical department of Gripset Industries.

## Clean up

- In water while wet
- Once dried product needs to be removed mechanically or by solvent

## TECHNICAL DATA

|   |   |
|---|---|
| <b>Form</b>   | Viscous paste                           |
| <b>Colour</b>   | Wet/Dry – Blue                          |
| <b>Specific gravity</b>   | 1.3g/cm <sup>3</sup>                    |
| <b>pH</b>   | 8-9                                     |
| <b>Drying time</b>  | 30 mins @ 23°C & 50% RH                 |
| <b>Viscosity</b>  | 4000 mPas                               |
| <b>Adhesion properties</b>  |   |
| -Glazed tiles   | 0.83MPa                                 |
| -Hardies Scyon™   | 0.8MPa                                  |
| -Structafloor®  | 0.6 MPa (failure within timber surface) |
| <b>VOC Content (ISO 13741-1)</b>  | Nil                                     |
| The VOC Content of Gripset OP is below the maximum VOC Content for Architectural and Interior Sealants as required by Green Star Ratings tools Education v1, Healthcare v1, Industrial v1, Multi Unit Residential v1, Office Interiors v1.1, Office Design v2, Office v3, Office As Built v2 and Retail Centre v1 |   |

## 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.