

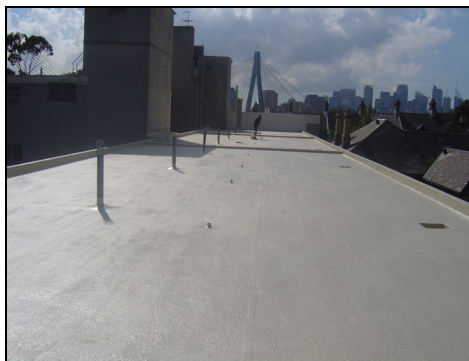


Liquid sheet high build system – Roof Coat

Description

Gripset LS is an innovative high build roof membrane system designed for external floor surfaces on pitched or flat roof areas. Gripset LS provides the benefits of a durable sheet membrane with the unique feature of a multi layer seamless finish, eliminating joints, overlaps and other risk points associated with welding and abutting traditional sheet membrane systems.

Gripset LS – Roof Coat is suitable for permanent exposure to varying climatic conditions, UV light and foot traffic.



Features & benefits

- Waterproof membrane
- High build seamless protective membrane for external environments
- High tensile strength and reinforced against cracking in concrete
- Durable resistance against foot traffic
- Able to be applied at a minimum 3mm thickness and up to 6mm for extreme conditions
- Flexible for structural sheeting surfaces, such as CFC sheeting, Hebel panels and plywood
- Ideally suited for new construction and remedial works over aged or failed membranes
- Stain resistant (when over coated with Gripset P20 Sealer coat)
- User and environmentally safe

Application

Gripset LS – Roof Coat is suitable for commercial, industrial and residential applications.

Waterproofing uses

- New and existing roofs
- Commercial box gutters
- Irregular shaped surfaces on roofs, e.g. around columns, plant and equipment, stairs
- Commercial plant roofs, exposed cooling towers
- Commercial roofs integrating parapets, plinths and hobs
- Large roof areas with expansion joint detailing (incorporating the Elastoproof system)

Substrates

Substrates suitable for bonding Gripset LS over include:

- Concrete and masonry screeds
- Fibre cement, compressed fibre cement and cement sheeting products
- Exterior grade plywood
- Hebel panels
- Asphalt and bitumen sheets membranes
- Failed roof coatings
- Existing tiles and pavers (in well bonded state)

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. Gripset Industries has priming specifications for a range of different surfaces and application conditions.

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.

Priming

- For general building surfaces priming is not required, as base coat performs as primer
- For surfaces subject to rising damp or retained moisture (e.g. damp concrete), Gripset P10 Vapour barrier primer is to be used (refer to Gripset P10 Product Data for details).
- For existing paints, membranes, coatings or other surface finishes, contact Gripset Industries for correct priming system

Detailing

An important step in the waterproofing application to ensure all critical areas such as joints, junctions, penetrations and drainage are correctly sealed prior to membrane application.

Voids and gaps are to be filled with either:

- Gripset SB sealant
- Gripset 11Y enhanced mortar



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Reinforcement over all critical areas is to be carried out using the Elastoproof sealing system.

Wall/Wall and Wall/Floor junctions (non-movement joints)	RF Fabric
Wall/Wall and Wall/Floor junctions (movement joints)	Elastoproof Jointing Bands
Bond Breaker at wet area junctions (as per AS3740)	Elastoproof Jointing Bands
Expansion/Control Joints (vertical & horizontal)	Elastoproof Jointing Bands
Substrate abutments between 2 different surfaces	Elastoproof Jointing Bands
Floor/wall pipes, flues, internal floor drains, general penetrations	Elastoproof Collars
External floor drains (roofs & podiums)	Elastoproof Collars

Gripset RF Fabric & Elastoproof products are installed with Gripset 38, by embedding the fabric section into a wet liberal coat of the liquid membrane then covering the fabric with a top coat to ensure it is no longer visible. Before using these products refer to product data sheets Elastoproof to ensure correct usage and selection. Gripset RF Fabric and Elastoproof products provide the ultimate protection for critical areas against movement and potential membrane rupture and are to be used in detailing works of Gripset waterproofing applications.

Coverage

- Gripset LS Base Coat is applied at a minimum 1 litre/m² coverage over the prepared substrate. This is applied by either textured roller or spray unit
- While the Base Coat is in a wet state, Gripset LS Reinforcing Layer is embedded and placed in position. When this layer is embedded into the Base Coat, use a squeegee, trowel or clean roller over the sheet to ensure all air bubbles or excess glue is removed.
- Any areas where Reinforcing Layer is to be joined ensure a minimum 50mm overlap is formed.
- Gripset LS Roof Coat is applied at a minimum 2 litres/m² over the Reinforcing Layer. Best results achieved by applying with an airless spray unit (refer to spray specification). At this coverage a total membrane film >3mm will be formed. If the application requires a film thickness of >5mm, repeat the Roof Coat application.
- For optimum results, apply Gripset P20 sealer over the Roof Coat after 24 hours curing.

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

- Gripset LS Base Coat – 15 litre oval pails; 200 litre drums
- Gripset LS Reinforcing Layer – 1.2m x 100m roll
- Gripset LS Roof Coat – 15 litre oval pails; 200 litre drums

Precautions

- Do not use on wet substrates or when rain is imminent.
- Do not apply when surface temperature is below 5°C or above 35°C.
- Do not use in areas subject to rising damp or negative hydrostatic pressure.
- Do not use over glazed surfaces, glass or totally impervious surfaces (including areas treated with water repellents).
- Material Safety Data sheet (MSDS) available.
- For further information about this product contact technical department of Gripset Industries

Cleanup

- In water while wet.
- Once dried product needs to be removed mechanically.

Contact details

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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.