

PRODUCT BROCHURE



 **waterproofing systems**
KEEPING YOU WATERTIGHT

PRODUCT DESCRIPTION

Waterproofing Systems has a variety of liquid membranes in its Gripset™ range. These membranes are used in a variety of internal and external waterproofing applications, including:

- Internal wet areas.
- Below tile waterproofing.
- Decks and balconies.
- Podiums.
- Trafficable decks.
- Swimming pools, ponds, water-features.
- Masonry window flashing.
- Acoustic applications.

WATERBASED AND ENVIRONMENTALLY FRIENDLY

The Gripset™ range of liquid membranes are water based, environmentally friendly, and free from solvents, toxins and dangerous odours. Clean-up can be done simply with water while the product is still wet.



Gripset 2P® – Concrete Pool

OVERVIEW OF THE DURO™ RANGE

Gripset 2P® quick curing membrane

Application: Under tiles, bathrooms, decks, podiums, Swimming pools, water features, masonry windows. Used as an alternative to Gripset 38® where tiling in 24 hours is required, or when installing in cool conditions.

Substrates: Concrete, compressed sheets.

Reinforcements: RF Fabric, ButylFLASH P, Elastoproof

Gripset 38® membrane

Application: Under tiles, bathrooms, decks, podiums, acoustic applications (used in conjunction with duroMAT™).

Substrates: Concrete, compressed sheets.

Reinforcements: RF Fabric, ButylFLASH P, Elastoproof

Gripset RD® acrylic hi-build membrane

Application: Roofs, trafficable decks, exterior coatings.

Substrates: Concrete, compressed sheets, plaster.

Reinforcements: RF Fabric, ButylFLASH P, Elastoproof

Gripset 38® LIQUID RUBBER MEMBRANE SYSTEM

The Gripset 38® membrane is water based, durable, flexible and elastomeric. It is specifically designed to provide a seamless waterproof membrane on building substrates before tiles or other suitable finishes or toppings are applied.

Supplied in 15 litre plastic pails.



Gripset 2P® Internal Waterproofing

BENEFITS OF Gripset 38®

Flexible & Elastomeric

The cured film demonstrates excellent flexibility and elastomeric properties, and accommodates normal substrate movement.

Compatible with other toppings

Compatible with tile finishes and other toppings, screeds, renders or concrete toppings. Gripset 38® can be applied directly over the product, as well as other wall/floor finishes including acrylic paint. Able to be tiled directly over with suitable tile adhesives. The Laticrete 4XLT tile adhesive is recommended, as it forms part of the BRANZ appraised systems.

Durable

The cured membrane is tough and durable, while remaining flexible.

COVERAGE AND APPLICATION

A minimum of two coats of Gripset 38® liquid should be applied at a rate of 1.5 litre/m², giving an approximate dried film thickness of 1.2mm. One pail of Gripset 38® under normal conditions will cover 10m².

BRANZ APPRAISED

The Gripset 38® and Gripset 2P® systems are BRANZ appraised. BRANZ [469 & 470]

Please contact Waterproofing Systems Limited for a copy of these certificates. Certificates are also available for download from our website

www.waterproofing.co.nz

The information contained in this brochure is based on current knowledge and experience. No guarantee of its accuracy is made or implied, nor is responsibility taken for use to which this information may be put.

We reserve the right to update this information without prior notice.

Gripset 38®, Gripset 2P® and Gripset RD® are registered trademarks of Waterproofing Systems Ltd.

Gripset Industries Ltd issues comprehensive material warranties on the basis that the Gripset™ products have been installed strictly in accordance with our system specifications, by one of our Approved Applicators

Full system specifications and installation drawings can be found in the GRIPSET product manual available on our website.

Gripset 2P® FAST CURING MEMBRANE SYSTEM

Gripset 2P® is a quick drying, two part liquid latex membrane designed for use in a range of internal and external waterproofing applications. It is specifically designed to provide a seamless waterproof membrane on building substrates before tiles or other suitable finishes or toppings are applied. The cured membrane withstands ponding water, and can be used in continuously immersed situations such as swimming pools.

Gripset 2P® comprises a 10 litre pail of latex liquid membrane, mixed with an 15kg bag of duroMIX® powder.



Gripset 2P® Balfour Apartments, Auckland

BENEFITS OF Gripset 2P®

Toughness

As Gripset 2P® is a flexible cementitious membrane, it can handle construction 'traffic'. We recommend installing the first coat to provide temporary waterproofing, then once the construction works have finished the second coat (and third coat if required) can be installed.

Compatible with other toppings

Screeds, renders or concrete toppings can be applied directly over the product, as well as other floor/wall coatings or finishes, including Gripset RD acrylic Hi-build paint. Able to be tiled directly over internal wet areas. The Laticrete 4XLT tile adhesive is recommended, as it forms part of the BRANZ appraised systems.

Reliable Quick Curing

As Gripset 2P® is a two-part membrane, it cures more reliably in a wide variety of climatic conditions. Gripset 2P® has been successfully used in temperatures as low as 2°C. It is important however, that the substrate be frost free.

Tile after 24 Hours

Tiles can be installed over Gripset 2P® after 24 hours. This is a real advantage to construction managers who are often under pressure to meet construction programme.

COVERAGE AND APPLICATION

Gripset 2P® liquid mixture should be applied at a rate of 1.5 litre/m², producing an approximate dried film thickness of 1.2mm. One unit of Gripset 2P® (10L pail and 15kg bag) will cover approximately 13m².

SUBSTRATE – TO – TILE BRANZ APPRAISED SYSTEM

The Gripset 38 and Gripset 2P system have been appraised for internal wet areas where direct tiling is required. For external balconies, Schluter Ditra system is overlaid onto the Gripset 38 or 2P, followed by tiling onto the Schluter Ditra system.

Both Certificates cover all elements of the system including the Laticrete 4XLT tile adhesive, giving you a complete BRANZ appraised substrate-to-tile system. The system has been appraised for both E2/AS1 as an alternative solution

Gripset RD® TRAFFICABLE DECK SYSTEM

The Gripset RD® system is a high-solids elastomeric Hi-Build acrylic coating system used in a variety of exposed trafficable deck and external coating applications.

The trafficable deck system requires a body coat (reinforced), two further top coats and then a wear coat. The wear coat contains a fine silica sand to improve the hardness of the membrane to give a more resilient surface.

Gripset RD® is supplied in 15 litre pails and is available in white only, or can be tinted to a specific pastel colour.



Gripset RD® as an exterior trafficable deck membrane and external coating

BENEFITS OF Gripset RD®

Trafficable

Gripset RD®, when reinforced and the wear coat applied, is a high quality trafficable membrane. In applications where the level of traffic is high, additional durability can be obtained by increasing the application rate and including an additional layer of reinforcement.

High Solids Content

Gripset RD® has a very high solids content. This makes it easy to achieve the film thickness required to provide a completely waterproof and elastomeric barrier.

Seamless Finish

Gripset RD® is an excellent exposed membrane which displays a seamless finish.

COVERAGE AND APPLICATION

In trafficable deck applications, a minimum of four coats (body coat, two further top coats and a wear coat) should be applied at a rate of 1.8 litres/m². To achieve an approximate Dry Film Thickness 1.5mm. Coverage is dependant upon surface condition and will vary accordingly as uneven surfaces will require greater coverage to achieve the specified film thickness.

As an exterior coating a minimum of two coats at a rate of 1.0-1.5 litres/m² depending on the final film thickness.

REINFORCEMENTS

Elastoproof B50 Joint Band tapes and preformed corners are an exciting range of flexible reinforcements which provide a variety of reinforcement options for areas where movement is possible. These areas include wall/floor junctions.

The Elastoproof B50 Joint Band range forms part of the BRANZ appraised systems.

Laticrete 4XLT TILE ADHESIVE

A premium grade ceramic tile adhesive for use in high performance applications over internal walls and floors. Laticrete 4XLT is a polymer modified cement-based tile adhesive that displays exceptional bonding properties, water resistance, and impact resistance. Laticrete 4XLT also has the flexibility to accommodate shrinkage movement associated with early age concrete, renders and screeds.

DuroMAT™ ACOUSTIC SYSTEM

duroMAT™ is an acoustic 6mm thick rubber underlay that is used in association with Gripset 38® or Gripset 2P® waterproofing membrane. duroMAT™ is used where an acoustic rating is required. Independent engineer reports show that duroMAT™ contributes to Field Impact Insulation Class (FIIC) rates of 52-57 in field acoustic tests (ASTM E989).



Above: Elastoproof detailing with Gripset 38®



Above: Schluter Ditra over Gripset 2P®

SUBSTRATES

The Gripset™ range of membranes can be installed on concrete, render/mortar, masonry, fibre cement sheeting, plasterboard, clay & concrete bricks/blocks, and other Gripset™ membranes.

The WPS Schluter Ditra system is an Alternative Solution in lieu of the tile pedestal system, complying with E2/AS1 7.3.1.1 Removable Surfaces and accepted as such by most NZ Councils.

DURABILITY

When fixed according to specification, the Gripset™ systems will meet the NZBC B2.3.1 (b) requirements of a 15 year durability. In trafficable deck situations, depending on the level and nature of traffic, a re-coat of the Gripset RD® membrane may be required every 5-7 years.

The durability opinion given by BRANZ for the Gripset 38® and Gripset 2P® system states that when subjected to normal conditions of environment and use, the systems are expected to have a service life of at least 15 years.



Above: Gripset 2P® - Hamilton Residence



Above: 6mm duroMAT Acoustic Rubber