

## Description

Gripset XpressLay is a self-adhesive ceramic tile underlay sheet, providing the thinnest tile underlay and anti-fracture system available for a wide range of tiling and flooring projects. Designed for domestic and commercial applications, Gripset XpressLay offers an innovative alternative to traditional tiling underlayments over a variety of different surfaces.

The unique self-adhesive properties of the Gripset XpressLay enable the underlay sheet to be adhered to floor surfaces and removed as required for repositioning without any risk of damage to the surface while ensuring no residues are left to contaminate the substrate. This not only enables the Gripset XpressLay to protect floor finishes as an anti-fracture underlayment, but also permits floor finishes to be removed at future dates without damage to floor substrates, avoiding costly and timely floor repairs.

Consisting of a high strength reinforced PVC sheet with a tile friendly surface facing, Gripset XpressLay is easily adhered to surfaces by the removal of the release liner and installed into floor position. Once laid, can be immediately tiled over, delivering unrivalled application speed and time savings over standard anti-fracture underlayment and de-coupling alternatives.

Weighing less than 1kg/m<sup>2</sup> Gripset XpressLay is easy to handle and cut, eliminating the risks of silica dust associated with traditional cement sheet underlay. With the versatility for use on a variety of internal and external floor surfaces, the benefit of direct fixing tile to the underlay surface positions Gripset XpressLay as a standalone underlayment that creates opportunities in flooring applications that have previously not been possible.

## Features & Benefits

- \* High self-adhesive properties to a variety of floor surfaces
- \* Ability to lift and re-position from surfaces during application without damage or adhesion compromise
- \* Ability to remove floor finishes without damaging base substrates
- \* No "drummy" effects to tiled floor finishes
- \* Time saving process, ease of application
- \* Allows immediate fixing of tiles and screeds, no waiting for drying
- \* Anti-fracture and de-coupling properties
- \* Light to handle, only 800gms/m<sup>2</sup>
- \* No noise, odours or silica dust hazards during installation
- \* Efficient tile adhesive consumption
- \* Prevents risk of efflorescence into tiled floor finishes

## Application

Gripset XpressLay is suitable for commercial and residential applications.

## Flooring/Tiling Applications

- \* Timber floor sheeting
- \* Polished floor board conversions
- \* Underlayment for tiling over existing tiles
- \* Underlayment for tiling on timber and parquet
- \* Underlayment on cracked or aged concrete
- \* Underlayment on existing vinyl to enable tile finishes
- \* Underlayment over epoxy, polyurethane or floor coatings to enable tiling
- \* Underlayment on polished concrete or terrazzo flooring to enable tiling
- \* Anti-fracture underlayment on floors prone to movement
- \* De-coupling sheet and stabilising surfaces before tiling

## Substrates

Gripset XpressLay can be applied to the following substrates:

- \* Timber sheeting, including plywood and particle board
- \* Concrete
- \* Timber floor boards
- \* Screeds, cement based compounds, self-levellers
- \* Glazed tiles and porous tiles

- \* Compressed Fibre Cement Floor Sheeting
- \* Existing vinyl
- \* Terrazzo, polished concrete
- \* Sealed surfaces
- \* General porous or non-porous floors that are structurally sound for tiling

For further information on suitable surfaces and substrates contact technical department of Gripset Industries

## Surface Preparation

Substrates to which the underlayment is to be applied must be structurally sound and stable. All building surfaces and floor sheeting the underlayment is being applied over must be installed to manufacturers specifications, 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.

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, grease remains and any contaminants that could compromise the adhesion of the underlayment. Structurally unsound layers are to be removed and made good for tile floor finish applications.

## Floor substrates

- \* New timber sheets being laid are to be screw fixed and glued to floor joists before fixing underlayment
- \* Existing timber sheets are to be screw fixed to floor joists if screws were not originally used.
- \* Unsealed timber floor boards must be sanded and inspected for cupping.
- \* Seal gaps between floor boards or any cupping voids with Gripset FlexFill. This can be applied to the joints of floor boards or over total floor board surface as a filling compound to prevent voids, dips and hollows between boards. If cupping is >3mm contact Gripset technical Department before applying. Refer Gripset FlexFill TDS.
- \* Polished timber floors must be sound and stable. Where required, reinforce fixings of boards prior to applying underlayment. Any cupping of polished floor boards, treat with Gripset FlexFill first.
- \* Cracks in concrete >1mm should be filled first with Gripset SB or Gripset FlexFill before fixing underlayment.
- \* On damaged screeds or rough/uneven concrete, patch and even surfaces with Gripset C-Bed prior to applying underlayment.
- \* Powdery or aged floor screeds are to be enhanced with Gripset P10 prior to applying underlayment
- \* Vinyl tiles and sheeting must be sound and well bonded prior to applying underlayment over
- \* Self levellers or other surface preparation compounds preparing for floor finishes are to be applied before the installation of Gripset XpressLay

## Priming

The following guideline is for priming surfaces before the application of Gripset XpressLay

- **Porous and Non-porous surfaces** – Xpress SP Primer is to be used.
- **On concrete with rising damp** – Gripset E60 primer is to be used.
- *Refer to TDS of all primers before using for correct application methods, drying etc.*

## Fixing Details

Gripset XpressLay is supplied in a 10m x 1.3m wide roll. When applied in lengths less than roll size, cut to measure dimensions needed for the application and re-roll the sheet in preparation for laying. Gripset XpressLay is to be laid on all primed floor areas, abutting edges of the perimeter walls.

Once the underlayment roll is ready to be adhered, remove release paper edge from the rear of the sheet and tack a 200mm-300mm end of the sheet onto the floor surface, using this initial bond to anchor the sheet into the starting position. Continue to remove the release paper from the rear of the sheet while pressing the sheet onto the floor surface and in position. Using a flat trowel, float or heavy roller, lightly press the sheet into a fixed position and remove any air bubbles or wrinkles while adhering into position.

If the Gripset XpressLay needs to be repositioned, lift the sheet corner and remove the underlayment sheet from the surface. Reposition as required and lay underlayment back onto the floor substrate, pressing into the final fixed position.

### Sheet joins

For general underlayment applications, Gripset XpressLay can be butt joined together along sheet edges. It is recommended to apply the underlayment sheet perpendicular (at 90° angle) to floor substrate joints, avoiding the sheet edges aligning any floor sheet joints.

If applying Gripset XpressLay on floors with expansion joints or floor abutments between 2 different substrates, the following method must be followed:

- Run the underlayment sheet edge lengthways along the expansion joint edge.
- Repeat this on the opposite side of the expansion joint edge, ensuring the underlayment edges do not bridge the joint.
- Adhere the Gripset Elastoproof B50 joint band over the expansion joint length, bridging the movement joint.
- Elastoproof B50 is to be adhered to the Gripset XpressLay using Gripset 38FC or Gripset C1P.

**\*The tiling application must ensure a movement joint is incorporated into the tile application aligned with this joint as per AS3958.1**

## Tiling & Surface Toppings

Tiling can commence immediately once Gripset XpressLay is fixed to floors. Refer to the following for direct fixing of ceramic tiles over the underlayment:

1. As a minimum requirement, the tile adhesive classification to be used is a C2S1 grade.
2. On timber floor substrates where the underlayment has been used, a C2S2 grade is recommended.
3. Pre-mixed tile adhesives are NOT to be used on the underlayment.

Refer to Gripset Technical Department for any direct tile fixing applications that fall outside these recommendations.

When screeding over Gripset XpressLay, incorporate the Gripset 11Y additive into the screed to enhance adhesion and enhance shrink resistance of the screed bed. Alternatively, Gripset C-Bed pre-bagged screed can be used directly onto the membrane.

**Note:** All tiling is to be carried out to AS3958.1 – 2007 “A Guide To The Installation of Ceramic Tiles”

## Storage conditions

- \* Best stored at room temperature in dry conditions, indoors.
- \* Keep in roll form and inside cartons when not in use
- \* Do not stack heavy items onto the roll
- \* Do not store in direct sunlight
- \* Protect against mechanical damage

## Packaging

- \* Cardboard carton, consisting of 1 Roll: 10m x 1.3m
- \* 25 cartons/pallet

## Precautions

- \* Not to be used as a finished floor sheet, must be covered by floor finishes
- \* Refer to safety precautions and wear suitable protective eye and hand protection when cutting sheet
- \* Do not apply when surface temperature is below 5°C or above 35°C
- \* Ensure surfaces are free of frost and ice before installing
- \* Not to be used in areas where solvent or petroleum-based products may be spilled.
- \* All finishes applied over the underlayment must be solvent free.
- \* When trafficking or working over the underlayment, care is to be taken to avoid any mechanical damage. Gripset XpressLay is designed to be applied immediately before tiling application commences
- \* Safety Data sheet (SDS) available.

## Clean up

- \* Gripset XpressLay is a non-hazardous substance.
- \* May be disposed of as building site waste

## TECHNICAL DATA

Following data is based on test results carried out to AS4858

Weight	800g/m <sup>2</sup>
Thickness	0.7mm
Tensile Strength - AS1145.3	13.52 MPa
Adhesion – on glazed tiles	1.03MPa – 24 hours 1.78MPa – 7 days

## 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.