

Liquid Flash Undertile

Fast cure, water-based, polyurethane-acrylic, waterproofing membrane

Packaging



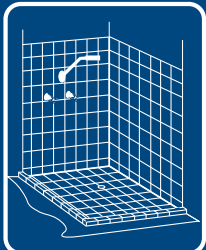
Mixing



Application



Uses



Substrates

Concrete,
Brick, Block,
Cement render

Wet area boards
& cement sheet

Description

Liquid Flash Undertile is a fast drying, premixed, class III, water-based, polyurethane-acrylic, waterproofing membrane. **Liquid Flash Undertile** is easily applied to most common building substrates to form a resilient waterproof surface. It conforms to AS/NZS 4858 Class III membrane for use in internal wet areas.

Uses

A waterproof membrane for use under tiles and screeds on balconies, roofs, decks and internal wet areas (bathrooms, kitchens, laundries, toilets). It can be used on suitably primed cement render, concrete, sand/cement screeds, brick, block, and building boards, such as wet area board, fibrous cement sheeting and compressed fibrous cement sheet.

Features

- Class III
- High elongation >300%
- Easy to apply
- Crack bridging
- Water based – easy to clean (water washup)
- Compatible with **Dribond Construction Chemicals** tile adhesives
- Internal and external under tile applications

Coverage (Approximate)

Apply two coats at 0.7mm wet film thickness to achieve a dry film thickness of 1mm.

A 15 litre pail covers approximately 10m² (2 coats).

Performance Data

Conforms to AS/NZS 4858 Wet area membranes – Class III

Specification

The waterproof membrane shall be a one-pack acrylic and have a minimal performance of 1.3MPa tensile strength >300% elongation, such as **Liquid Flash Undertile** manufactured by **Construction Chemicals** and shall be applied in accordance with the application instructions, AS3740 & AS4654.2, local building codes and good trade practice.

Surface Preparation

The surface to be waterproofed must be structurally sound and free from dirt, dust, grease, paint, wax, laitance and all other contaminants. Treat surfaces as follows before applying **Liquid Flash Undertile**.

Painted surfaces - abrade with a wire brush or sand down to obtain a good mechanical key. Scrub thoroughly with detergent and water and allow to dry.

Cement sheet / wet area board and porous surfaces - prime with **Primebond**.

Masonry - render must be at least 7 days old, concrete 28 days old and a minimum 25MPa. Smooth surfaces (concrete, compressed cement sheet) must be washed thoroughly and allowed to dry. Prime with **Primax**. Abrade or sand contaminated surfaces to provide a totally clean surface.

Bond Breaker

As per AS3740, it is necessary to install bond breakers at areas subject to movement. These areas include wall/wall junctions, wall/floor junctions, penetrations, floor wastes, sheet joints and seams or substrate types. This can be achieved with the use of **Dribond Joint Sealing Tape** (as outlined in the technical datasheet), bond breaker tape or neutral cure silicone. Where reinforcement of **Liquid Flash Undertile** is required (static cracks/sheet joints), apply neutral cure silicone as a bond breaker, allow to cure, then apply a 150mm liberal coat of **Liquid Flash Undertile** and firmly press **Reomat** or **Dribond Joint Sealing Tape** into the wet membrane. Apply a second coat of **Liquid Flash Undertile** to embed the **Reomat** or **Dribond Joint Sealing Tape**.

Membrane Application

To be applied in accordance with AS3740 and AS4654.2. Apply two coats of membrane to the area to be waterproofed, which must be graded to waste, and 100mm up the surrounding walls and down waste and drip mould on balconies. Apply the second coat at 90° to the first as soon as it is dry (recoat time is approximately 2 hours @ 23°C @ 50% relative humidity). Apply each coat thickly (approximately 0.7mm wet film thickness) allowing it to flow rather than being brushed on. Use a soft brush for best results. Clean wet brushes in water. A final thickness of 1mm is required.

Must be applied in accordance with all relevant **Construction Chemicals** technical information: www.constructionchemicals.com.au/tech-info/

Curing

- Re-coat 2 hours
- Dry Film 3 hours
- Tiling or toppings 24 hours
- Flood Test 24 hours
- Full Cure 7 days

Above dry times are based on normal ambient conditions of 23°C and 50% relative humidity.

Temperatures above or below these conditions will alter dry/curing times.

Protect from rain for the first 24 hours.

Precautions

- Do not use as a trafficable surface.
- Do not use as a finished membrane in UV exposed areas.
- Apply at temperatures between 10°-35°C.
- Do not thin material or add filler.
- Do not use over surfaces where continuous rising damp is a problem or areas subject to negative hydrostatic pressure.
- Shower alcoves should be allowed 24 hours to cure before tiling.
- Allow to cure 7 days before use.
- Seal damp substrates with two coats of [Epecrete](#).
- Waterproofed areas must be sloped to a drain and water must not pond.
- To eliminate contamination or damage, any finished covering must be applied as soon as the membrane has cured.

Cleaning

Equipment may be cleaned with clean water whilst still wet, cured material needs to be removed mechanically or by solvents.

Shelf Life

When stored in the original, unopened packaging, in a dry place @ 23°C @ 50% relative humidity, the product has a 24 months shelf life.



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Adelaide (08) 8243 7888 **Sydney** (02) 9756 3533
Brisbane (07) 3271 2944 **Auckland** (09) 273 5444
Melbourne (03) 9761 4711 **Kuala Lumpur** (603) 5122 2522
Perth (08) 9356 9999

The information contained in this technical publication is based on our current knowledge and experience and is provided as a guide only. In view of the many factors that may affect application it is the user's sole responsibility to ensure suitability for a specific purpose. Always refer to the most recent technical data sheet for the product concerned at: www.constructionchemicals.com.au