

# Liquid Flash 2

**Two-pack, fast-drying, microfibre reinforced, waterproofing and anti-fracture membrane**

## Packaging



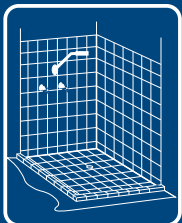
## Mixing



## Application



## Uses



## Substrates

Concrete,  
Brick, Block  
Building boards  
Roofs, Decks,  
Basement, Pools,  
Wet areas

## Description

**Liquid Flash 2** is a two-pack, fast-drying, microfibre reinforced, cement/acrylic flexible waterproofing membrane that is easily applied to form a resilient waterproof membrane over different building surfaces. **Liquid Flash 2** will remain pliable and elastic and will bridge cracks and smooth irregular surfaces. Internal wet areas must be waterproofed in accordance with AS3740 and AS4654.2 and local regulations.

For more details refer to brochure titled 'Waterproofing Enclosed Shower Alcoves Prior to Tiling'.

## Uses

A waterproofing membrane for roofs, balconies, swimming pools, retaining walls, planter boxes, internal wet areas (e.g. bathrooms, kitchens, laundries and toilets), and an anti-fracture membrane for floors. For use on cement render, concrete, brick, block and building boards such as gypsum and cement sheeting on walls and compressed cement sheeting on floors.

## Features

- Pre-reinforced
- Easy to apply
- **Suitable for internal and external use, but must be covered with tiles, external coating, screed or earth**
- Fast drying
- Swimming pools (prior to tiling)
- Anti-fracture membrane

## Coverage (Approximate)

20L/20kg pack covers 14-18m<sup>2</sup> (2 coats), dry film thickness 1.5mm.

## Performance Data

**Conforms to AS/NZS 4858 Class 2 membrane**

**Tensile Strength (MPa)**

AS/NZS 4858

1.9MPa

**Elongation**

201%

Modified CSIRO Moving Joint Test

pass

## Specification

The waterproof membrane shall be a two part cementitious/acrylic membrane that has a minimum tensile strength of 1.9MPa and elongation 201%, such as **Liquid Flash 2** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions and AS3740 and AS4654.2 and local building codes and good trade practice.

## Surface Application

The surface to be waterproofed must be structurally sound and free from dirt, dust, grease, paint, wax and other contaminants.

**Cement sheet/plaster board and porous surfaces** - Prime with **Primebond**.

**Masonry** - Render must be at least 7 days old, graded screed 7 days, concrete 28 days old and a minimum 20MPa.

**Smooth concrete** must be mechanically abraded and primed with **Super Prime**.

**Swimming Pools** and externally prime with **Primax**.

## Mixing

Pour 4 litres of liquid into a mixing container and slowly add 4kg of powder. Mix using a slow speed electric drill (400-500rpm) and mixing paddle being sure to add powder to the liquid. Mix for 2-3 minutes – let stand for 5 minutes and remix until all lumps are dispersed and the mix is creamy. Adjust mix to suit user's preference. Do not mix more than can be used in the pot life time. Hand mixing is not recommended.

## Bond Breaker and Reomat

At the junction/joints in building surfaces i.e., floors/walls/walls, wastes etc., apply centrally over the junction, bond breaker tape or a 13mm bead of neutral cure silicone (allow to become touch dry). Apply a 150mm wide thick coat of waterproofing membrane centrally over areas where the bond breaker is applied. Reinforce the wet membrane with 140mm **Reomat** to guarantee its thickness and performance.

## Membrane Application

Apply two coats. Apply the second coat at 90° to the first as soon as it is dry (recoat time is 1-2 hours @ 25°C @ 50% relative humidity between first and second coat). Apply each coat thickly (approximately 1.5mm wet) allowing it to flow rather than being brushed on. Use a soft brush for best results.

## Pot Life

2 hours at 23°C @ 50% relative humidity.

## Precautions

- The membrane will crack on the surface if excess powder is used. Do not thin or add filler
- Apply at temperature between 10-30°C
- At above 30°C temperatures the membrane exhibits thermoplastic characteristics
- Do not apply over surfaces subject to hydrostatic pressure or rising damp
- Protect from rain for 24 hours. Can be tiled on after 24 hours @ 23°C @ 50% relative humidity.
- If a ponding test is required, ensure the membrane is allowed to cure for a minimum of 3 days, before ponding testing
- Not suitable for direct exposure to UV light and must be coated with **Deckgrip**, screed, an external paint, tiled over or used beneath ground
- Seal damp substrates with one coat of **Epecrete**
- Waterproofed areas must be sloped to a drain and water must not pond
- **Swimming pool and immersed applications must be tiled.** Chemical dosing and water balance must be in accordance with AS3633 and under the supervision of an accredited pool testing professional.

## Curing

24 hours @ 23°C @ 50% relative humidity.  
Protect from rain for the first 24 hours.  
Cold damp conditions - increases curing time.  
Hot dry conditions - reduces curing time.

**Showers should not be used until the membrane has fully cured at 3 days @ 23°C or 5 days @ 10°C.**

**Immersed applications, i.e. pools, must be allowed to cure for 7 days @ 23°C @ 50% relative humidity or 10-12 days at lower temperatures.**

## First Aid

If swallowed, do not induce vomiting. Give a glass of water and seek medical advice.

## Clean Up

Clean up in water. Cured material with xylene solvent or similar.

## Safety Precautions

Best used by an experienced tradesperson. Do not apply externally or on permanently damp surfaces. Non-toxic but contains cement which contains silica. Wear gloves and appropriate respirator. Further information for this product is contained in the Material Safety Data Sheet. Refer; [www.constructionchemicals.com.au](http://www.constructionchemicals.com.au)

## Shelf Life

1 year



[www.constructionchemicals.com.au](http://www.constructionchemicals.com.au)

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