

# Liquid Flash 2

**2-PACK, FAST DRYING, MICROFIBRE REINFORCED, WATERPROOFING MEMBRANE**

**PACKAGING**



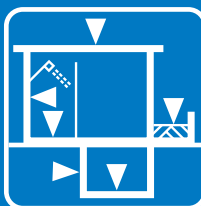
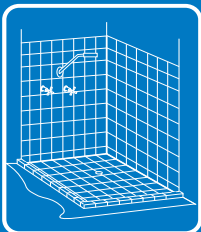
**MIXING**



**APPLICATION**



**USES**



**SUBSTRATES**

CONCRETE, BRICK  
BLOCK  
BUILDING BOARDS  
ROOFS, DECKS,  
BASEMENT, POOLS,  
WET AREAS, TANKS

**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 (eg bathrooms, kitchens, laundries and toilets). 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 uses (externally must be covered with tiles, external coating, screed or earth).
- Fast drying.
- Swimming Pools (prior to tiling.)

**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 2.93 Mpa

Elongation 184%

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 2.93 Mpa and elongation 184% 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 20 Mpa. **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 4 kg 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 of building surfaces, at wastes and over cracks, apply the bond breaker system to accommodate extremes in movement. The bond breaking system is the application of BOND BREAKER TAPE centrally over the crack or junction, then the application of a thick coat of LIQUID FLASH 2 150mm wide centrally to these areas and bed in a 140mm wide REOMAT into the wet LIQUID FLASH 2.

## **MEMBRANE APPLICATION**

Apply two coats. Apply the second coat at 90° to the first as soon as it is dry (recoat time is approximately 2 hours at 25°C). 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.

## **PRECAUTION**

- The membrane will crack on the surface if excess powder is used. Do not thin or add filler.
- Apply at temperature between 10-35°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 3-4 hours. Can be tiled on after 24 hours.
- 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.

## **CURING**

4 hours 23°C @ 50% relative humidity. Protect from rain for the first 4 hours. Cold damp conditions – increases curing time. Hot dry conditions – reduces curing time.

**Immersed applications i.e. pools, must be allowed to cure for 3 days @ 23°C @ 50% relative humidity or 5-7 days at 10°C before being put into use.**

## **FIRST AID**

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

## **CLEANUP**

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

## **SHELF LIFE**

1 Year Powder / 2 Years Liquid.



● **ADELAIDE** PH: (08) 8243 7888

● **BRISBANE** PH: (07) 3271 2944

● **DARWIN** PH: (08) 89471811

● **MELBOURNE** PH: (03) 9761 4711

● **PERTH** PH: (08) 9356 9999

● **SYDNEY** PH: (02) 9756 3533

● **AUCKLAND** PH: (09) 273 5444

● **KUALA LUMPUR** PH: (603) 5122 2522

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