

PACKAGING



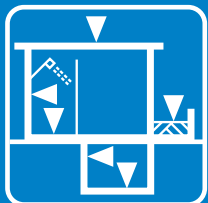
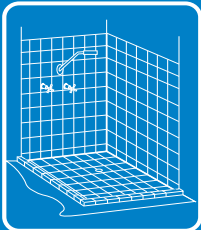
MIXING



APPLICATION



USES



SUBSTRATES

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

DESCRIPTION

Liquid Flash II is a two pack fast drying, reinforced, cement/acrylic flexible waterproofing membrane that is easily applied to form a resilient waterproof membrane between different building surfaces. Liquid Flash II will remain pliable and elastic and will bridge cracks and smooth irregular surfaces. Internal wet areas must be waterproofed in accordance with AS3740 and local regulations. For more details refer to brochure titled "Waterproofing Enclosed Shower Alcoves Prior to Tiling".

USES

A flashing material for roof vent pipes, parapet walls and roof sheeting/tiles. A waterproofing membrane for roofs, balconies, retaining walls, planter boxes, ponds, 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 structural timber and compressed cement sheeting on floors, roof and gutter repairs.

FEATURES

- Pre-reinforced.
- Easy to apply.
- Suitable for internal and external uses.
- Fast drying.

COVERAGE (approximate)

10L/20kg pack covers 10-12m² (2 coats).

PERFORMANCE DATA

Tensile Strength 2.96 MPa (ASTM D412-92)

Elongation 46% (ASTM D412-92)

SPECIFICATION

The waterproof membrane shall be Liquid Flash II, a two part cementitious/acrylic membrane manufactured by Construction Chemicals and shall be applied in accordance with the manufacturer's application instructions.

SURFACE APPLICATION

Surfaces must be sound and clean of grease, oil, dust and other contaminants. Treat surfaces as follows before applying Liquid Flash II: – **Galvanised Iron** – new. Degrease with xylene or similar and wash clean with water and allow to dry. **Rusty Surfaces** – Wire brush to remove flaky rust and treat with a rust inhibitor. **Timber** – Prime with a timber primer. **Plastic Pipes** – Roughen area to be coated with sand paper. **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 / Plaster Board** – Prime with 50:50 mix of Bonding Additive and water. **Masonry** – Render/Screed must be at least 7 days old, graded screed 24 hours, concrete 28 days old and a minimum 25 MPa. Smooth concrete must be mechanically abraded and primed with 50:50 mix of Bonding Additive and water before applying Liquid Flash II.

MIXING

Pour 2 litres of liquid into a mixing container and slowly add 4kg of powder. Mix using a slow speed electric drill and mixing paddle being sure to add powder to the liquid, mixing until all lumps are dispersed and the mix is creamy. Do not mix more than can be used in the pot life time. Hand mixing is not recommended.

MEMBRANE APPLICATION

Before applying Liquid Flash II apply 50mm bond breaking tape (masking tape) to the junction of walls/floors, walls/walls, structural cracks and joints in building boards to accommodate extremes in movement. 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. Trowel applied adjust mix to suit. A final thickness of 1.5mm is required.

FLASHING APPLICATION

At the junction of two surfaces apply 50mm bond breaking tape (masking tape) equally to both surfaces. This will eliminate wastage of material dropping through the hole and allow for extremes of movement. On round pipes use 50mm square pieces of masking tape around the circumference of the pipe. To make a clean line at the edge of the flashing, apply masking tape to the outside of the area to be coated. Apply two coats 75mm or more to each surface. Can be painted to colour match surroundings using acrylic based paints. A final thickness of 1.5mm is required.

POT LIFE

30 MINS AT 25°C @ 50% R.H.

PRECAUTION

The membrane will crack on the surface if excess powder is used. Do not thin or add filler.

- Apply at temperatures between 10°C-30°C.
- At above 30°C temperatures the membrane exhibits thermoplastic characteristics.
- Not to be used over surfaces where continuous rising damp is a problem for hydrostatic pressure is present.
- Used in shower alcoves should be allowed approximately 72 hours at 20°C 50%RH (depending on conditions) before tiling. Allow 7 days after application of before using shower.
- It is advisable to flood test the shower after curing (approximately 72 hours at 20°C 50%RH). This should be done before tiling commences.

JOINTS/CRACKS

Apply 50mm wide bond breaking tape (masking tape) over the crack or the junction of the two surfaces. Bridge the crack by a minimum of 50mm each side.

CURING

4 hours 25°C @ 50% relative humidity. Protect from rain for the first 4 hours. Cold damp conditions – increases curing time. Hot dry conditions – reduces curing time.

Immersion applications i.e. ponds, must be allowed to cure for 7 days 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.

**CONSTRUCTION
CHEMICALS**

● **ADELAIDE** 467 - 469 SOUTH RD REGENCY PARK 5010 PH: (08) 8346 8013 FAX: (08) 8340 2052
● **BRISBANE** 45 COULSON ST WACOL 4076 PH: (07) 3271 2944 FAX: (07) 3271 3892
● **MELBOURNE** 1 / 10 GABRIELLE CT BAYSWATER NORTH 3153 PH: (03) 9761 4711 FAX: (03) 9761 4748
● **PERTH** 61 DOWD ST WELSHPOOL 6106 PH: (08) 9358 6493 FAX: (08) 9358 6493
● **SYDNEY** 2/ 31-33 NEWTON RD WETHERILL PARK 2164 PH: (02) 9756 3533 FAX: (02) 9756 3534
● **AUCKLAND** 16 CARPENTER RD EAST TAMAKI PH: (09) 273 5444 FAX: 0800 266 236
● **KUALA LUMPUR** LOT 2 JALAN KECABI 33/2 ELITE INDUSTRIAL ESTATE OFF JALAN BUKIT KEMUNING
PH: (03) 522 2522 FAX: (03) 522 2526