# Shower Waterproofing Membrane

## Under tile and wet area waterproofing membrane.

### DESCRIPTION

**Crommelin® Shower Waterproofing Membrane is a water-based, ready to use, heavy duty, modified rubber liquid applied membrane, engineered to permanently waterproof wet areas prior to tiling.**

**Crommelin® Shower Waterproofing Membrane delivers a keyed finish, suitable for use with cement-based tile adhesives.**

### FEATURES AND BENEFITS

- Multi-purpose use, suitable for all under tile applications
- Seamless application for leak free performance
- Permanent flexibility with high elongation
- Excellent substrate adhesion
- Dries to a keyed finish to promote direct tile adhesion
- Complies with AS 3740 – Waterproofing wet areas
- Suitable for use in conjunction with all cement-based tile adhesives that conform to AS2358

### AREAS OF USE

**Shower Waterproofing Membrane** is suitable for use in the following areas:

- Showers & Bathrooms
- Kitchens & Laundries
- Balconies & Patios
- Walls & Floors
- Swimming Pools
- Interior & Exterior

## SUITABLE SUBSTRATES

**Shower Waterproofing Membrane** is suitable for use on the following surfaces:

- Concrete & Masonry
- Cement Renders & Screeds
- Plaster Board & Wet Area Gyprock
- Compressed Fibre Cement Sheeting
- Timber
- Steel – suitably prepared
- Plywood Sheeting & Wet Area Particle Board

**Note: Not suitable for use with white-set plaster.**

## APPLICATION TOOLS

- Crommelin® Contractor Membrane Applicator Brush – 100mm, 75mm
- Crommelin® Contractor Membrane Roller Cover – 230mm

## SURFACE PREPARATION

**Full surface preparation instructions can be found at www.crommelin.com.au/full-instructions/**

- Concrete must have cured for at least 28 days, screeds and renders 7 days.
- All substrates must be installed as per manufacturer's recommendations.
- The surface should have a light even texture. Masonry should be flush pointed and all defects in existing surfaces made good.
- **Surfaces must be clean,** dry, sound and free from dust, grease, curing compounds, release agents, loose particles, efflorescence, concrete laitance or any other contaminants.
- All high points and protrusions should be removed, blow-holes and areas of honeycombing should be filled and the surface should be brought back to an even profile using a suitable repair mortar.
- **All surfaces must be dry.** A moisture test is required 100% of the time to ascertain if the substrate is dry enough to coat. Electronic moisture meters are recommended.
- If minor surface consolidation is required, apply one coat of 1:1 dilution of **Shower Waterproofing Membrane** and water and allow to dry.
- If a greater amount of surface consolidation is required, apply one coat of **Crommelin® Powerflex** as per recommended application rates.
- If substrate is not dry, prime surface with **Crommelin® Dampstop** as per specifications.

## PRODUCT PREPARATION

- **Shower Waterproofing Membrane** is ready to use, simply stir well prior to application.

## APPLICATION CONDITIONS

- Do not apply if surface/ambient temperatures are too high or too low. Recommended temperature range $10^0$C - $35^0$C.
- Do not apply if humidity is too high, or likely to be during the initial cure phase. Maximum recommended humidity during application and cure is 85%.
- Weather details may be checked at http://www.bom.gov.au.

## APPLICATION PROCESS

**Full application instructions can be found at [www.crommelin.com.au/full-instructions/](www.crommelin.com.au/full-instructions/)**

- Bond breaking sealant/tape to all joints, junctions, protrusions, angles and internal corners must be used. The use of **Crommelin® Polyurethane Sealant**, **Crommelin® Silicone WP Plus** or **Crommelin® Reinforcing Fabric with Bond Breaker** is recommended.
- The use of **Crommelin® Reinforcing Fabric** is also recommended for use at all junctions to protect vulnerable areas from damage.
- Apply first coat evenly, as per recommended coverage rate and allow to dry.
- Recoat when touch dry, after approximately 2 hours.
- Apply second coat evenly, at 90° (right angles) to first coat and allow to dry.
- Ensure membrane is protected from damage before tiling.

## RE-COAT/DRYING TIME

- Recoat time: 2-4 hours.
- Tile over: after a minimum of 48 hours.
- Flood test: after 48 hours, pond to a depth of 25mm for 2 hours and remove testing water immediately.
- Full cure: 7 days.

**Under optimum drying conditions (good airflow, humidity below 50%, temperatures above 20°C), Shower Waterproofing Membrane may be tiled over in as little as 4 hours. Ensure corners, penetrations and bond-breaker areas are fully dry before tiling.**

## COVERAGE

- $2m^2$/L per coat – minimum 2 coats required.
- Complex or highly irregular surfaces may require additional coats.

## CLEAN UP

- Clean all equipment with water before product dries.
- Uncured material may be removed with warm water and detergent.

## SIZES

**Shower Waterproofing Membrane** is available in 1L, 4L and 15L pails plus 4L and 6L kits.

- 1L produces $1m^2$ of finished membrane.
- 4L / 4L kit produces $4m^2$ of finished membrane.
- 15L produces $15m^2$ of finished membrane.

## RELATED PRODUCTS

- Crommelin® Moisture Meter.
- Crommelin® Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin® Contractor Membrane Roller Cover – 230mm.
- Crommelin® Dampstop.
- Crommelin® Reinforcing Fabric with Bond Breaker.
- Crommelin® Reinforcing Fabric.
- Crommelin® Polyurethane Sealant.
- Crommelin® Silicone WP Plus.

## PRECAUTIONS

- Ensure substrate is completely dry before application.
- Ensure adequate surface preparation is carried out to allow even application.
- Ensure a trial patch is applied to ensure suitability and desired result is achieved.
- Do not apply during periods of extreme weather conditions – temperature or humidity. Apply between $10^0$c and $35^0$c and less than 85% humidity. To check these conditions, refer to http://www.bom.gov.au

## TRANSPORT AND STORAGE

- Size: 1L, 4L, 15L, 4L Kit
- Weight: 1.5kg, 5.5kg, 20.5kg
- Cool and Dry Storage
- UN Number: N/A
- DG Class: N/A
- Flash Point: N/A
- Hazchem Code: N/A
- Poisons Schedule: N/A

## SAFETY AND FIRST AID

**Crommelin® Shower Waterproofing Membrane** Safety Data Sheet is available from Crommelin® upon request.

### Safety

- Ensure good ventilation and avoid breathing vapours.
- Avoid skin and eye contact. Wear gloves and eye protection. Remove splashes on skin immediately and remove contaminated clothing.
- Keep out of reach of children.
- Keep container sealed when not in use.
- Do not swallow.

### First Aid

- If poisoning occurs, contact a doctor or poisons information centre: Ph. 13 11 26.
- If swallowed, do not induce vomiting. Give a glass of water to drink.
- If in eyes, hold eyes open and flood with water for at least 15 minutes.
- If not breathing, apply artificial respiration.

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**Any advice, recommendation, information, assistance or service provided by Crommelin® in relation to its products or their use is given in good faith, however is provided without responsibility or liability.**

**Customers need to undertake their own assessment to determine the suitability of a product for the intended use. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, it is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs as required on the specific surface.**

**Crommelin® also reserves the right to update information without prior notice, to reflect ongoing research and product development.**