



# Rapid Re-coat PU Modified

## Under-tile waterproof membrane.

### DESCRIPTION

Crommelin<sup>®</sup> Rapid Re-coat PU Modified is a premium, heavy duty liquid applied waterproofing membrane, formulated to permanently waterproof wet areas prior to tiling.

Crommelin<sup>®</sup> Rapid Re-coat PU Modified is Polyurethane modified for exceptionally high flexibility and fast re-coating and reinforced for maximum strength and durability.

Crommelin<sup>®</sup> Rapid Re-coat PU Modified complies with AS 4858 and AS 3740 requirements, and is suitable for use with all cement based tile adhesives that comply with AS 2358.

### FEATURES AND BENEFITS

- Rapid re-coat in 1 hour.
- Polyurethane modified.
- Seamless application for leak free performance.
- Premium long term performance and permanent flexibility.
- High elongation, over 300% - Class 3.
- Excellent substrate adhesion.
- Dries to a keyed finish to promote direct tile adhesion.
- High Coverage – up to 2m<sup>2</sup> per litre, per coat.
- Suitable for use in conjunction with all cement based tile adhesives that conform to Australian standards.

### AREAS OF USE

**Rapid Re-coat PU Modified** is suitable for use in the following areas:

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





## SUITABLE SUBSTRATES

**Rapid Re-coat PU Modified** 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<sup>®</sup> Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin<sup>®</sup> Contractor Membrane Roller Cover – 230mm.

## SURFACE PREPARATION

Full surface preparation instructions can be found at [www.crommelin.com.au/full-instructions/](http://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 **Rapid Re-coat PU Modified** and water and allow to dry.
- If a greater amount of surface consolidation is required, apply one coat of **Crommelin<sup>®</sup> Powerflex** as per recommended application rates.
- If substrate is not dry, prime surface with **Crommelin<sup>®</sup> Dampstop** as per specifications.

## PRODUCT PREPARATION

- **Rapid Re-coat PU Modified** 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 7<sup>0</sup>c - 35<sup>0</sup>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/](http://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<sup>®</sup> Polyurethane Sealant**, **Crommelin<sup>®</sup> Silicone WP Plus** or **Crommelin<sup>®</sup> Reinforcing Fabric with Bond Breaker** is recommended.
- The use of **Crommelin<sup>®</sup> 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 1 hour.
- 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: 1-2 hours.
- Tile over: after a minimum of 24 hours.
- Flood test: after 48 hours, pond to a depth of 25mm for 2 hours and remove testing water immediately.
- Full cure: 7 days.
- Ensure good airflow to optimise membrane cure time.

## COVERAGE

- 2m<sup>2</sup>/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

**Rapid Re-coat PU Modified** is available in 1L, 4L and 15L pails.

- 1L produces 1m<sup>2</sup> of finished membrane.
- 4L produces 4m<sup>2</sup> of finished membrane.
- 15L produces 15m<sup>2</sup> of finished membrane.





## RELATED PRODUCTS

- Crommelin<sup>®</sup> Moisture Meter.
- Crommelin<sup>®</sup> Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin<sup>®</sup> Contractor Membrane Roller Cover – 230mm.
- Crommelin<sup>®</sup> Dampstop.
- Crommelin<sup>®</sup> Reinforcing Fabric with Bond Breaker.
- Crommelin<sup>®</sup> Reinforcing Fabric.
- Crommelin<sup>®</sup> Polyurethane Sealant.
- Crommelin<sup>®</sup> 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 7<sup>o</sup>c and 35<sup>o</sup>c and less than 85% humidity. To check these conditions, refer to <http://www.bom.gov.au>

## TRANSPORT AND STORAGE

- |                     |                                |                        |                         |
|---------------------|--------------------------------|------------------------|-------------------------|
| • Size: 1L, 4L, 15L | • 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<sup>®</sup> Rapid Re-Coat PU Modified Safety Data Sheet is available from Crommelin<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> also reserves the right to update information without prior notice, to reflect ongoing research and product development.

