



## Water Based Bitumen Paint

Heavy duty, flexible, below ground waterproofing membrane.

### DESCRIPTION

Crommelin<sup>®</sup> Water Based Bitumen Paint is a synthetic rubber co-polymer modified waterproofing membrane, engineered for use in sub-grade areas and where not exposed to UV.

Crommelin<sup>®</sup> Water Based Bitumen Paint is extremely strong and remains highly flexible, even under the most demanding of waterproofing situations.

Crommelin<sup>®</sup> Water Based Bitumen Paint is environmentally safe, easy to apply and suitable for use for the collection of drinking water.

### FEATURES AND BENEFITS

- Excellent waterproof performance, remaining flexible and watertight in permanently wet conditions.
- Prevents damage, efflorescence, mould growth, staining and paint peeling associated with moisture transfer.
- Excellent adhesion to wide variety of substrates.
- Economical, fast drying and easy to use.
- Suitable for permanent immersion.
- Suitable for the collection and storage of potable water.

### AREAS OF USE

**Water Based Bitumen Paint** is suitable for use in the following areas:

- Below Ground & Non-UV Exposed Situations.
- Retaining Walls.
- Interiors of Planter Boxes, Pots & Water Retaining Structures.
- Protecting Metal from Corrosion.

**Note: Not suitable to be painted or tiled over.**



## SUITABLE SUBSTRATES

**Water Based Bitumen Paint** is suitable for use on the following surfaces:

- Concrete & Brick.
- Cement Sheeting.
- Timber Posts.
- Steel.
- Plywood Sheeting.
- Aluminium.

## 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/)

- 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 substrate is not dry, prime surface with **Crommelin<sup>®</sup> Dampstop** as per specifications.

## PRODUCT PREPARATION

- **Water Based Bitumen Paint** 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<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/)

- Apply only to substrate positive side (i.e. to prevent moisture entering the substrate).
- Prime area with one coat of 1:5 dilution of **Water Based Bitumen Paint** and water. Allow to dry.
- Bond breaking sealant to all joints, junctions, protrusions, angles and internal corners must be used. The use of **Crommelin<sup>®</sup> Polyurethane Sealant** or **Crommelin<sup>®</sup> Silicone WP Plus** is recommended.
- The use of **Crommelin<sup>®</sup> Reinforcing Fabric** is recommended on all areas where movement may occur, installed as part of the first coat as per fabric installation instructions.
- Apply first coat evenly, as per recommended coverage rate and allow to dry.
- Recoat when touch dry (membrane will turn from brown to black)
- Apply second coat evenly, at 90° (right angles) to first coat and allow to dry.
- Ensure membrane is protected from damage and suitable protection board is installed before any back filling.

## RE-COAT/DRYING TIME

- Recoat time: 2-4 hours.
- Backfill: Minimum 72 hours.
- Full cure: 7 days.
- Ensure good airflow to optimise membrane cure time.
- Do not expose to moisture until full cure is achieved.

## COVERAGE

- 1.5m<sup>2</sup> per litre.

## CLEAN UP

- Clean all equipment with water before product dries.

## SIZES

**Water Based Bitumen Paint** is available in 1L, 4L and 15L pails.

- 1L will produce approximately 0.75m<sup>2</sup> of finished coating.
- 4L will produce approximately 3m<sup>2</sup> of finished coating.
- 15L will produce approximately 11.25m<sup>2</sup> of finished coating.





## 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.
- 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 10<sup>0</sup>c and 35<sup>0</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: 1.4kg, 5.6kg, 16kg
- 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> Water Based Bitumen Paint 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.

