



## Blackseal

Waterborne rubber co-polymer modified bitumen emulsion membrane.

### DESCRIPTION

Crommelin<sup>®</sup> Blackseal is a commercial grade, waterborne bitumen emulsion modified with a synthetic rubber co-polymer to provide excellent waterproofing properties and good flexibility.

### FEATURES AND BENEFITS

- Quick drying.
- Flexible.
- Non-Flammable.
- Remains watertight under permanently wet conditions.
- Strong adhesion.

### AREAS OF USE

**Blackseal** is suitable for use in the following areas:

- Non-UV Exposed Areas.
- Retaining Walls.
- Planter Boxes.
- Timber Posts.
- Interiors of Pots.

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

### SUITABLE SUBSTRATES

**Blackseal** is suitable for use on the following surfaces:

- Concrete.
- Plywood.
- Cement Render.
- Timber.
- Brick.
- Fibre Cement Sheet.
- Light Weight Aggregate Block.
- Steel.





## APPLICATION TOOLS

- Crommelin<sup>®</sup> Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin<sup>®</sup> Contractor Membrane Roller Cover – 230mm.
- Airless spray.

## 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.
- Install a fillet of 1 : 3 cement and sand at all internal masonry angles.
- **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

- **Blackseal** 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 **Blackseal** 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 mis installed before any back filling.



## RE-COAT/DRYING TIME

- Recoat time: 1 hour.
- 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

**Blackseal** is available in 20L pails.

- 20L will produce approximately 15m<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.
- Ensure any existing coatings are compatible or removed prior to application.
- 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: 20L
- Weight: 21.5kg
- 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> Blackseal 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.

