



Exterior Grade Waterproofing

Permanent immersion, waterproofing membrane.

DESCRIPTION

Crommelin[®] Exterior Grade Waterproofing is a high performance, synthetic rubber based membrane, designed to deliver exceptional waterproofing performance in areas subjected to permanent immersion, areas of non-exposed pedestrian traffic or in application under screeds and toppings.

Crommelin[®] Exterior Grade Waterproofing is exceptionally tough, durable and flexible and capable of accommodating structural movement.

FEATURES AND BENEFITS

- Permanently flexible to accommodate structural movement.
- Excellent adhesion to wide variety of substrates.
- Crack bridging to 1.5mm (existing cracks).
- Low VOC and fast drying.
- Suitable for permanent immersion.
- Suitable for over coating with screeds, renders and water based coatings.
- Suitable for the collection and storage of potable water.

AREAS OF USE

Exterior Grade Waterproofing is suitable for use in the following areas:

- Gutters.
- Fire Tanks.
- Retaining Walls.
- Roof Gardens & Terraces.
- Podium Decks & Balconies.
- Slab Edge Waterproofing.





SUITABLE SUBSTRATES

Exterior Grade Waterproofing is suitable for use on the following surfaces:

- Concrete & Brick.
- Cement Render.
- Plywood Sheeting.
- Cement Sheeting.
- Steel (suitably primed).
- Aluminium.
- Light Weight Aggregate Block.
- Trafficable Screeds.

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 **Exterior Grade Waterproofing** 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

- **Exterior Grade Waterproofing** 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 10⁰C - 35⁰C.
- 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/

- Apply only to substrate positive side (i.e. to prevent moisture entering the substrate).
- Bond breaking sealant to all joints, junctions, protrusions, angles and internal corners must be used. The use of **Crommelin[®] Polyurethane Sealant** or **Crommelin[®] Silicone WP Plus** 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 and suitable protection board is installed before any back filling.

RE-COAT/DRYING TIME

- Recoat time: Approximately 2 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

- 1.5m² per litre.

CLEAN UP

- Clean all equipment with water before product dries.

SIZES

Exterior Grade Waterproofing is available in 1L, 4L and 15L pails.

- 1L will produce approximately 0.75m² of finished coating.
- 4L will produce approximately 3m² of finished coating.
- 15L will produce approximately 11.25m² of finished coating.

RELATED PRODUCTS

- Crommelin[®] Moisture Meter.
- Crommelin[®] Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin[®] Contractor Membrane Roller Cover – 230mm.
- Crommelin[®] Dampstop.
- 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 10⁰c and 35⁰c 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[®] Exterior Grade Waterproofing 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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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.



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