

# Pond Sealer Black

Seamless membrane for waterproofing ponds and water features.

## DESCRIPTION

Pond Sealer Black is a seamless membrane, designed for waterproofing new or renovated fish ponds and water features. Consisting of a heavy-duty synthetic rubber compound, Pond Sealer Black is a tough elastomeric material that will remain watertight under permanently wet conditions.

## ADVANTAGES

Pond Sealer Black delivers the following advantages;

- Remains permanently flexible to accommodate structural movements.
- Non-toxic and safe for fish and plants.
- Suitable for use in collecting or storing drinking water.
- Safe and easy to apply.
- Excellent adhesion to substrates.
- Quick drying.
- Good crack bridging properties.
- Easy to repair.

## AREAS OF USE

Pond Sealer Black is suitable for use in the following areas;

- Fish Ponds
- Ornamental Water Features
- Not suitable for use is chlorinated water

## SUBSTRATES

Pond Sealer Black is suitable for application on;

- Concrete
- Cement Render
- Brick Work
- Blockwork

## TECHNICAL DATA (@ 25°C)

Number of Coats:	2
Coverage: (per coat)	1.5m <sup>2</sup> /L
Wet Film: (per coat)	665 microns
Recoat:	3 – 4 hours
Full Cure:	7 days
Colour:	Black
Thinner/Clean Up:	Water
Shelf Life:	12 months

## ANCILLARY PRODUCTS

- Crommelin<sup>®</sup> Hybrid MS Polyurethane Sealant – 600ml
- Crommelin<sup>®</sup> Silicone & Bond Breaker Sealant – 300ml
- Crommelin<sup>®</sup> Polyfab – reinforcing fabric
- Crommelin<sup>®</sup> Polyfab BB – bond breaker
- Crommelin<sup>®</sup> Contractor Membrane Applicator Brush – 100mm, 75mm
- Crommelin<sup>®</sup> Contractor Membrane Roller Cover – 230mm
- Crommelin<sup>®</sup> Moisture Meter

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## TEST DATA

Properties	Measurement /Standard	Test Results
Adhesion	AS1580.408.5	Concrete – 1.5N/mm <sup>2</sup> Fibre Board – 2.0N/mm <sup>2</sup> Brick – 2.5N/mm <sup>2</sup>
Water Vapour Transmission	ASTM E96	1g/m <sup>2</sup> /24 hours
Hardness	ASTM D2240	29A
Elongation	AS4858	317%
Flexibility	AS1580.402.1	2mm
VOC	SCAQMD 304-91	13 g/L
Tensile Strength	AS4858 A1(a)	1.6-1.9 MPa
Chemical Resistance	7 Day Immersion	Dilute Acids – Good Dilute Alkali – Good Salt Solutions – Good
Water Absorption	AS 3558.1	2.73%

## SUBSTRATE PREPARATION AND PRIMING

Full substrate 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.

**Note: Due to the wide variety of substrates available, adhesion testing is recommended in a trial area before full application.**

- For maximum membrane adhesion, priming with Crommelin® Powerflex® is recommended.
- Substrates that are porous and/or slightly dusty should be primed with a 1:1 dilution of Pond Sealer Black and water.
- Pond Sealer Black may be applied to thoroughly clean, dry and dust free surfaces, without priming.
- If substrate is not dry, or pond is below ground, priming surface with Crommelin® WB2K® is essential.

## APPLICATION CONDITIONS

- Substrate must be dry, with less than 15% moisture content. The use of suitable moisture meter is recommended.
- Application temperature between 7°C - 35°C.
- Do not apply if relative humidity is above 85% during initial cure phases, or if rain is expected before cure.

**Note: In humid conditions, air flow should be maximised with the use of fans to assist cure.**

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## APPLICATION

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

- Apply Crommelin® Polyfab BB or Bond Breaking Sealant to internal angles/corners (wall & floor junction) and vertical angles/corners (wall & wall junction) as per standard.
- Apply Pond Sealer Black with Crommelin® Contractor Membrane Brush, Crommelin® Contractor Membrane Roller or similar.
- Apply first coat of Pond Sealer Black as per recommended coverage rate. Work from corners to central areas and allow to dry.
- If only a bond breaking sealant has been used, it is recommended to install Crommelin® PolyFab Reinforcing Fabric to all joints and corners in conjunction with first coat of Pond Sealer Black.
- Apply second coat of Pond Sealer Black as per recommended coverage rate, at 90° to the first coat.
- Allow to cure for a minimum of 7 days before filling with water.

## CLEAN UP

- Uncured material may be removed with warm water and detergent.
- Cured material may be removed mechanically.
- Cured material may be softened by soaking in Crommelin® HD Cleaner before attempting removal.

## MAINTENANCE SCHEDULE AND REPAIR

- Pond Sealer Black must be protected from damage by after trades and inspected prior to the application of any over coat or filling with water.
- Moisture blisters and bubbles may be repaired by cutting out the affected area, allowing substrate to properly dry and reapplication of membrane as per recommended coverage rates.
- Protect membrane from harsh chemicals, abrasion and other potentially damaging conditions.

## PRECAUTIONS

- Do not apply if the temperature is below 7°C or relative humidity is above 85% or if rain is imminent.
- Do not apply Pond Sealer Black to wet substrates. The moisture content of the surface should be less than 15%. Check with a moisture meter if unsure.
- Ensure adequate ventilation and air flow to optimise membrane curing.
- Do not allow chlorine level to exceed 4mg/L in the pond water.

## WARRANTIES

A standard warranty period of 10 years is offered for Crommelin® Pond Sealer Black.

Extended warranties are available for project specific applications. Please contact your Crommelin® representative, or the Crommelin® technical support team for detailed specifications applicable to your project and warranty requirements.

## TRANSPORT AND STORAGE

- Size: 15L
- Weight: 20.5kg
- DG Class: N/A
- Flash Point: N/A
- UN Number: N/A
- Cool and Dry Storage

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## **SAFETY AND FIRST AID**

Pond Sealer Black 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.

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