



# Stain Repel

Water and stain resistant sealer with a natural to low sheen finish.

## DESCRIPTION

Stain Repel is a unique waterborne, fluorinated 100% acrylic 'pore-lining' treatment with great resistance to chemicals and staining agents, specifically designed for use on concrete and dense natural stones.

Stain Repel has outstanding oil and water repellency and binding properties. It is both a penetrating and a film forming sealer - this provides protection whilst allowing the various substrates to "breathe" normally.

Stain Repel also contains an antimicrobial additive inhibiting mould and algal growth.

## ADVANTAGES

Stain Repel delivers the following advantages;

- Low sheen finish.
- Superior stain resistance.
- Maintains an almost natural appearance.
- Tough and durable 100% acrylic coating.
- Excellent adhesion.
- Breathable.
- Provides a clear, non-yellowing 100% acrylic film.
- Resists oils, grease and general dirt pick up.
- High coverage rate.
- UV stable.

## AREAS OF USE

Stain Repel is suitable for use in the following areas;

- Stone and Concrete Bench Tops
- Polished Concrete Floors
- Patios and Entertaining Areas
- Paved or Trafficable Areas

**Note: Stain Repel is not suitable or recommended for use on poorly consolidated, weak, friable or dusty substrates.**

## SUBSTRATES

Stain Repel is suitable for application on;

- Concrete
- Terrazzo
- Dense Natural Stone
- Natural Stone Cladding
- Compress Fibre Cement

## TECHNICAL DATA (@ 25°C)

Number of Coats:	2
Coverage: (per coat)	10-30m <sup>2</sup> /L
Recoat:	2-4 Hours
Full Cure:	7 Days
Colour:	Clear
Clean Up:	Water
Shelf Life:	12 Months

## ANCILLARY PRODUCTS

- Crommelin® Contractor Membrane Applicator Brush – 100mm, 75mm
- Medium nap roller.
- Crommelin® Moisture Meter

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## TEST DATA

Properties	Measurement / Standard	Test Results
Water Absorption by Mass Gain	1hr immersion of coated natural limestone	< 1% Mass gain
VOC	SCAQMD 304-91	5 g/L

## 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/)

- Surfaces must be clean and free from all contaminants.
- Use Crommelin<sup>®</sup> HD Cleaner to remove grease, and as a general surface cleaner.
- Pressure washing or the use of a wet vac is recommended to remove dust etc.
- If acid etching has taken place, ensure neutralisation of the area and thorough rinsing has been conducted.
- Surfaces must be well consolidated and sound.
- Surfaces must be dry. The use of a Crommelin<sup>®</sup> Moisture Meter is recommended.
- A simple moisture test may be completed by placing a 300mm x 300mm piece of black plastic or rubber matting on the area to be treated during the hottest part of the day. Remove after 2 hours and inspect. If moisture is present on the under-side of the plastic, or the substrate has darkened, the substrate is too wet to seal. Allow further time to dry and repeat test until no moisture is detected.
- If area has been previously sealed, ensure coating compatibility. If in doubt, remove existing coating.
- If area has been previously sealed, ensure re-coating will not produce an excessive film build that may compromise the breathability of the substrate.

## APPLICATION CONDITIONS

- Substrate must be dry. The use of suitable moisture meter is recommended.
- Application temperature must be above dew point.
- Do not apply if relative humidity is above 85% during initial cure phases, or if rain is expected before cure.
- Avoid application in direct sunlight or in windy conditions.

**Note:** When applying internally or in humid conditions, air flow should be maximised with the use of fans to assist cure.

## APPLICATION

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

- Apply a trial patch before full application, to assess sealer adhesion, substrate colour enhancement, gloss level and slip resistance.
- Test surface for porosity before full application to ensure that surface sealing is required.
- Apply Stain Repel with Crommelin<sup>®</sup> Contractor Membrane Brush, Crommelin<sup>®</sup> Contractor Membrane Roller, low pressure spray or soft lint-free cloth.
- Apply first coat of Stain Repel evenly as per recommended coverage rate.
- Apply second coat as soon as possible, as per recommended coverage rates.
- Once dry, any remaining visible streaky film build up on highly dense surfaces such as polished marble, should be washed with warm soapy water, rinsed and buffed with soft cloth.
- Very dense surfaces will only require Stain Repel to be wiped on. Correct application rate will be confirmed by a test patch.
- Protect sealed area from light foot traffic for at least 24 hours.
- Do not park vehicles on sealed area for at least 7 days.

## CLEAN UP

- Wash all equipment in warm water and a small amount of detergent immediately after use.

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## MAINTENANCE, RECOATING AND REPAIR

To maximise the natural life and protective characteristics of your sealer general cleaning and maintenance should be followed including;

- Any spills must be cleaned up immediately. Spot cleaning should be carried out with dilute detergents.
- It is recommended that areas treated be scrubbed or mechanically cleaned monthly using appropriate cleaning fluids.
- Repair damage by ensuring the area is clean and dry and re-apply sealer as per recommended coverage rates.
- Re-coating should only take place as required to maintain the greatest level of performance. Re-application may vary from 2–10 years, dependent upon substrate, wear and site conditions.
- When re-coating, ensure sealer compatibility and ensure that excessive film build is not produced.

## PRECAUTIONS

- Do not apply if the temperature is below 7°C, below dew point or relative humidity is above 85% or if rain is imminent.
- Ensure adequate ventilation and air flow to optimise membrane curing.
- Protect other surfaces and materials from overspray or splashes. Mask windows and doors. Any spillage or marks should be removed with water immediately.

## WARRANTIES

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: 4L, 15L
- Weight: 4kg, 15kg
- DG Class: N/A
- Flash Point: N/A
- UN Number: N/A
- Cool and Dry Storage

## SAFETY AND FIRST AID

Stain Repel 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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