



# Limestone Sealer

Hydrophobic binder and hardener for porous natural sandstone and limestone.

## DESCRIPTION

Limestone Sealer is a unique waterborne surface treatment with exceptional water repellency and binding properties.

Limestone Sealer is a hydrophobic binder rather than a film forming sealer - this feature allows the various materials to "breathe" normally. It also contains a highly effective biocide that inhibits mould and algal growth. Limestone Sealer converts fretting natural stone and masonry from a soft material to a hard dust-free natural finish with excellent weathering and durability.

## ADVANTAGES

Limestone Sealer delivers the following advantages;

- Matt finish.
- Allows natural stone to breathe.
- Highly water repellent.
- Binds loose and friable surface.
- Maintains natural appearance.
- Biocide protected.
- UV stable.

## AREAS OF USE

Limestone Sealer is suitable for use in the following limestone and sandstone areas;

- Walls
- Ornamental Features
- Capping

**Note: Limestone Sealer is not suitable for use on horizontal paved or trafficable surfaces.**

## SUBSTRATES

Limestone Sealer is suitable for application on;

- Porous Natural Limestone and Sandstone

## TECHNICAL DATA (@ 25°C)

Number of Coats:	2
Coverage: (per coat)	2-3m <sup>2</sup> /L
Recoat:	2 hours
Full Cure:	48 hours
Colour:	Clear
Clean Up:	Water
Shelf Life:	12 months

## ANCILLARY PRODUCTS

- Crommelin<sup>®</sup> Contractor Membrane Applicator Brush – 100mm, 75mm
- Crommelin<sup>®</sup> Contractor Membrane Roller Cover – 230mm
- Crommelin<sup>®</sup> Moisture Meter

## TEST DATA

Properties	Measurement / Standard	Test Results
Dry Film Fungal Resistance	Thor Test Method 800.1 – Humidity Cabinet Method	No growth visible (to BS 3900 Part G6)
Water Absorption by Mass Gain	1 hr immersion of coated natural limestone	< 1% Mass gain
VOC	ASTMD3960	2.0 g/L

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## 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/)

- If the reverse side of the surface to be treated is to be back filled with soil, that face should be coated with Crommelin® Bitflex or Crommelin® Blackseal before back-filling.
- Surfaces must be clean and free from all contaminants.
- Surfaces should be dry for maximum penetration. Slightly damp surfaces are acceptable.

## 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.

## APPLICATION

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

- Apply a trail patch before full application, to assess sealer adhesion and final finish.
- Test surface for porosity before full application to ensure that surface sealing is required.
- Apply Limestone Sealer with Crommelin® Contractor Membrane Brush, Crommelin® Contractor Membrane Roller or low pressure spray.
- The preferred method is by spray using a flood coat technique. Start at the top of the wall and work down - allowing the material to run ahead of you.
- Apply first coat of Limestone Sealer evenly as per recommended coverage rate and allow to dry.
- Apply second coat of Limestone Sealer evenly as per recommended coverage rate.
- Protect sealed area from light foot traffic for at least 24 hours.

## CLEAN UP

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

## 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.
- 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.
- Limestone Sealer is NOT SUITABLE for horizontal paved or trafficable areas.

## 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: 15L, 200L
- Weight: 15.5kg, 215kg
- DG Class: N/A
- Flash Point: N/A
- UN Number: N/A
- Cool and Dry Storage

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## **SAFETY AND FIRST AID**

Limestone Sealer 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.