

# Technical Data Sheet

## ROCKCOTE LIME WASH

**Effective From** 13 Nov, 2017

ROCKCOTE Lime Wash is based on a traditional coating with just enough modern ingredients to perform in the modern world. ROCKCOTE Lime Wash provides a beautiful, breathable, decorative finish that penetrates into the underlying substrate to which it is applied. Lime Wash is primarily composed of slaked lime (calcium hydroxide) and a low proportion of binder. The calcium hydroxide sets by slowly combining with carbon dioxide to form calcium carbonate.

### Features

- Very low VOC
- Can be tinted to a wide range of colours (some fading will occur depending on pigments used).
- Develops a unique patina, unrivalled by modern coatings.

### Benefits

- Allows surfaces to breathe and can contribute to improved indoor air quality.
- Has natural anti-bacterial properties due to the high alkalinity of the coating.
- Will re-absorb carbon dioxide from the air.

### Uses

- Suitable for interior and exterior use.
- ROCKCOTE Lime Wash is compatible with a range of building surfaces, including brick/block, plasterboard, off form concrete and stonework.
- As a coating for ROCKCOTE lime plasters; lime based render; stucco and limestone
- Lime Wash can help to consolidate friable limestone surfaces.
- Suitable for heritage projects.

### Colours and Gloss

- Can be tinted to a wide range of light base colours using alkali resistant oxides.
- Fading may occur depending on type of pigment used.

**Sheen Level** Flat

**Coverage Rate** 25-30m<sup>2</sup>/15ltr  
Coverage rates may vary according to the condition of the substrate, desired finish or method of application. ROCKCOTE Lime Wash is usually applied at the rate of approximately 25-30 square metres per 15 litre drum (1.5 - 2m<sup>2</sup> per litre). Care must be taken to avoid excessive build-up in corners and at reveals.

**Application Method** Brush or Roller

**Dry Film Build** 60-100 microns

**Wet Film Build**

### Typical Data at 25°C and 50% Relative Humidity

**Drying Time** 4 hours

**Touch Dry** 2 hours

**Dry to Recoat** 4 hours

**Usual No Coats** 2 coats

**Clean Up** Water

**Packaging Sizes** Trade 20L  15L  10L  4L  1L

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**Volume Solids** 55  
**Thinning** Up to 5% on first coat only.  
**Elongation Rate**  
**Crack Bridging**  
**Abrasion Resistance**  
**Moisture Control**  
**Water Resistance** Good

### Substrate Conditions

- Substrate must be installed as per manufacturer's specifications.
- Substrate must be clean and free of dust, dirt, oil, salt, mould or any other contamination.
- Any base coats should be fully cured.
- Substrates must not contain more than 15% wood moisture equivalent (WME) prior to the application of ROCKCOTE Lime Wash.
- For full details on application for each substrate, refer to the ROCKCOTE Natural Materials System Guide.

**Mixing** Stir well before use.

### Application

- The application of ROCKCOTE Lime Wash is a specialised procedure and should only be carried out by a skilled and experienced applicator in accordance with ROCKCOTE'S specifications.
- Do not apply ROCKCOTE Lime Wash if air and surface temperatures are below 5°C or above 35°C.
- To protect underlying substrates from the alkalinity of Lime Wash, prime with ROCKCOTE Anti Efflorescent Primer.
- If using multiple pails of ROCKCOTE Lime Wash, contents must be boxed together to ensure colour consistency.
- Be sure to keep a wet edge with this product and plan your work to suit the weather conditions. See ROCKCOTE's technical article on cutting-in and avoiding picture framing.
- If joining up to previous day's application, it is good working practice to start and finish on an external or internal corner.
- Keep the finished ROCKCOTE Lime Wash sheltered from rain and moisture for 24 – 48 hours after completion dependent on climatic conditions.
- Can be rolled with an extra long nap roller or applied with a sheepskin mitt or brush.

### Precautions and Limitations

- ROCKCOTE Lime Wash is highly alkaline due to the inclusion of hydrated lime. Please ensure adequate PPE is used when mixing and applying.
- Many substrates can be coated with Lime Wash but the high alkalinity may affect the underlying coating. Always contact ROCKCOTE or refer to the ROCKCOTE Natural Materials Systems Guide before using.
- ROCKCOTE Lime Wash should not be applied in temperatures below 5°C or above 35°C.
- ROCKCOTE Lime Wash is not suitable for areas of continual damp or areas submerged in water.
- ROCKCOTE does not recommend the use of any ROCKCOTE Natural Materials on floors.

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### Transport and Storage

- Store in a cool, dark place.
- Keep pail sealed.
- Do not stack 15 litre containers over 3 high.

### Disposal

- Dispose of in accordance with local council regulations

### Safety Data

Refer to ROCKCOTE Lime Wash SDS.

### Disclaimer

ROCKCOTE Enterprises Pty Ltd will not accept responsibility for any misuse of this product or if not applied by a skilled and experienced applicator and in accordance with our technical specifications. Due to our policy of continuing product improvement, ROCKCOTE Enterprises Pty Ltd reserves the right to change these specifications without further notice. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.