

# Resene Limelock

## cure and seal

Resene Limelock is a new preparatory coating used for the curing and sealing of cementitious substrates. It promotes cure by producing a water barrier, which unlike traditional curing membranes, may be overcoated with waterborne finishes at any stage.

Its ability to cure and seal the substrate eliminates the need to leave the plaster to cure for seven days before painting. When dark, heat absorbing topcoats are planned, it is still prudent to wait seven days before painting.

Resene Limelock traps free lime in the cementitious substrate protecting the paint finish against the appearance of unsightly lime staining, and providing a perfect base for subsequent Resene finishes.

## exterior

### Typical uses

- Cementitious surfaces, including concrete, render, stucco, and thin layer polymer modified plaster

<b>Vehicle type</b>	100% acrylic
<b>Pigmentation</b>	Titanium dioxide
<b>Solvent</b>	Water
<b>Finish</b>	Semi-transparent gloss
<b>Colour</b>	White
<b>Dry time (minimum)</b>	30 minutes at 18°C
<b>Recoat time (minimum)</b>	2 hours for light coloured topcoats, up to seven days for dark coloured topcoats
<b>Primer required</b>	No
<b>Theoretical coverage</b>	Dependent on surface porosity – typically 5-8 sq. metres per litre
<b>Usual no. of coats</b>	1
<b>Abrasion resistance</b>	Very good
<b>Chemical resistance</b>	Good
<b>Heat resistance</b>	Thermoplastic
<b>Solvent resistance</b>	Good
<b>Durability</b>	Excellent
<b>Thinning and clean up</b>	Water
<b>VOC</b>	c. 74 grams per litre (see <a href="#">Resene VOC Summary</a> )

### Physical properties

### Performance

### Performance and limitations

1. Promotes early cure of fresh cementitious surfaces minimising downtime between the completion of plastering and commencement of painting.
2. White pigmentation increases the albedo of the system to retain moisture.
3. Seals in free lime to protect against the unwanted appearance of lime staining.
4. Good adhesion to fresh cementitious substrates.
5. Provides an excellent base for a wide range of Resene coatings.
6. An Environmental Choice approved product.

### Limitations

1. Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.
2. Resene Limelock is designed to be overcoated.
3. Resene Limelock is considered to be part of the surface preparation process and should be applied as soon as possible over plaster systems to achieve maximum potential.

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of product. If in doubt contact Resene.



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## Surface preparation

If Resene Limelock is applied immediately following plastering, no surface preparation is necessary. If the surface has been allowed to weather, some surface preparation may be required, as for old work.

### Old work

Ensure surface is clean and free from all contaminants. Waterblasting is the preferred preparation over older weathered surfaces.

Surface rust stains may indicate a deeper problem of carbonation and re-bar corrosion. Contact Resene if surface rust is present.

*Sanding dust from old lead or chromate based paints or old building materials containing asbestos may be injurious to the health if inhaled or ingested. Seek expert advice if the presence of these materials is suspected.*

## Application

Apply to spray plasters immediately after spraying. Apply to trowelled plasters immediately after final trowelling. Apply to poured concrete, including slabs, as soon as the surface water has evaporated or as soon as the boxing is removed.

Apply one coat of Resene Limelock over the fresh substrate by commercial grade knapsack sprayer, spray, long pile roller or brush and allow to dry.

Evenly coat all fresh cementitious surfaces to ensure uniform curing and that free lime cannot be transferred through weak points.

## Precautions

Recoating times vary to ensure that any remaining water has an opportunity to leave the concrete. Dark coloured topcoats will increase the temperature of the concrete and the rate at which water leaves. Light coloured topcoats can be painted after two hours. For colours with a LRV of less than 40% wait seven days after applying the Resene Limelock before painting.

*Please ensure the current Data Sheet is consulted prior to specification or application of Resene products. If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.*

**In Australia**  
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the paint the professionals use

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