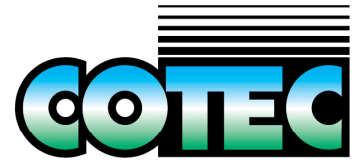




# High Performance Paint Product Data Sheet



## LIME STOP

05-160 JUN 09



**DESCRIPTION:** A water based primer for sealing lime efflorescence which can bleed through acrylic paints. Also aids the curing mechanism of concrete.

**TYPICAL USES:** Exterior cementitious finishes have a high lime content which can effloresce to the surface, creating a white layer of limestone. Under certain situations this can leach through acrylic paints to the outer surface, which is especially noticeable with dark colours. LIME STOP is a very effective in reducing migration of lime.

**PERFORMANCE:** Is applied directly to new concrete or cement surfaces and will promote the cure and sealing of the surface.

**LIMITATIONS:** If the weather conditions and temp are adverse the LIME STOP will not cure correctly and completely. Under these conditions the product will not be fully effective in blocking the lime migration. Do not apply if the air and surface temperature during application and drying is likely to fall below 10°C. Do not apply in damp humid conditions. Is designed to be over coated. If over coating with dark colours, either allow concrete to cure 4-6 days or apply 2 coats of LIME STOP.

### TECHNICAL DATA:

Resin:	Specialised hydrophobic acrylic polymer
Solvent:	Water
Finish:	Translucent
Colour:	Milky pink
Touch Dry (minimum):	30 minutes @ 20°C.
Recoat Time (minimum):	2 hours
Primer:	Not Applicable
Number of Coats:	1 required
Dry Film Thickness:	Not Applicable
Wet Film Thickness:	Not Applicable
Durability:	Very good
Thinning and Clean Up:	Water. Do not over thin.
VOC:	
Pot Life:	Not Applicable
Pack Size:	4, 10 Litre

### SPREAD RATE:

Theoretical Coverage:	8-12 m <sup>2</sup> /litre/coat.
Coverage depends on surface profile and porosity:	

### COMPUTER CODES:

Lime Stop	05-160
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## LIME STOP

### **SURFACE PREPARATION:**

(Refer to “Surface Preparation and Paint Systems” for full details). To ensure a successful application all surfaces to be coated must be clean, dry and stable.

Any mould, moss, algae needs to be treated with a suitable chemical cleaner/inhibitor.

Note: Commencement of work on a surface means in general you accept that surface. If any doubt about condition etc, seek advise.

### **ALL CEMENTITIOUS SURFACES:**

#### **NEW:**

LIME STOP may be applied promptly after cementitious surfaces are completed. This means as soon as the surface water has evaporated and the surface is stable (i.e. “green”).

#### **CONCRETE SLABS:**

Apply once surface water has evaporated or the shuttering is removed.

Any curing membranes need to be removed or allowed to weather. This is usually 12 – 24 hours after final concrete pour.

#### **OLD:**

Surface should be cleaned by water blasting to remove all dirt, dust and oil residues.

Allow the surface to dry thoroughly before painting.

### **APPLICATION:**

Requires an even coverage, for best results.

The product is coloured pink, so the coverage rate and evenness can be gauged. The final appearance should be an even light pink colour. This colour will not affect the final painted colour.

Brush, Roller, Low Pressure Back Pack or can use Airless spray.

Brush and Roller: Can use product as is or add up to 5% (max) potable water if high temperatures, windy conditions. This will ease roller/ brush drag and assist in keeping a wet edge.

Roller: Lambs wool, nap depends on surface profile.

Spray: Then recommend an airless unit. Pressure 2,500psi max and a tip 413 – 515.

Do not apply to wet (ponding) surfaces.

Allow to dry and overcoat with specified acrylic coating.

If over coating with dark colours, apply second coat of LIME STOP or allow cement surface to cure for 4-6 days, to allow the lime to cross link and become less mobile.

### **THINNING & CLEAN UP:**

Wash up in water, do not thin more than indicated. Clean up in water. Use a small amount of detergent to aid clean up.

### **ENVIRONMENTAL:**

DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET.

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