

# Technical Data Sheet

## LIME PRIME



### Features

- Advanced Inorganic Mineral Chemistry.
- Qualifies for up to 3 LEED Points: EQ 4.2, MR 5.1, MR 5.2
- **ZERO VOC** below Green Seal GS-11 requirements
- Hardens drywall and gypsum with a high build sandable primer. Excellent for Level IV & V Finishing.
- No Formaldehyde Emitting Biocides or toxic solvents.
- Excellent in Wall Cavities and the back of drywall.
- High Hiding, meets or exceeds ASTM D2805-88 Requirements.
- The only paint that can be applied directly over Black Mold and Mildew Stains.
- Breathable! Won't trap moisture in walls!
- Use on Drywall, Plaster, Wood, Concrete.

### General Properties

Lime Prime is a high quality, thick, white primer based on lime. The Mineral lime has worked for centuries in high mold and mildew areas. Lime Prime improves on the old lime wash formula making it the greatest primer ever! Use for the whole house, especially high moisture areas and areas where toxic black mold and mildew thrive. Many, many years later these areas have remained clean and free of any mold and mildew stains.

### Healthy Sustainable Ingredients

Water, Lime (Mineral), Earth Oxide Pigment, Georgia Clay, Crushed Marble, Talc, Non-Hazardous Biodegradable Resin (Proprietary).

### Recommended Use

Mold Remediation Projects, Drywall, Basements, Schools, Hospitals, Surgery Centers, Crawl Spaces, Attics, Inside Wall Cavities, Interior Walls, Wineries, Museums, Antiques Storage, Yurts, Indoor Pool Areas, Boats, Flood Zones, Commercial Properties, Rental Properties...

### Technical Data

**Vehicle Type:** Water, Proprietary Non-Toxic Resin.

**Pigment Type:** Earth Oxide Pigments, Lime

**Volume Solids:** 47.6%

**Theoretical Coverage at 75 F (23 C) and 50% humidity:**

Range: 150-400 sft / gal

Concrete Block Raw: 150 Sft / gal Raw

Drywall: 200-250 Sft / gal Wall Cavities:

250-300 Sft / gal

Previously Coated Surfaces: 350-400 Sft / gal

On Mold Abatement Projects apply thick and backroll.

### Recommended Film Thickness

3-4 Mils

### Dry Time @ 77 F (25 C) @ 50% R.H.

Set to Touch: 40 - 90 Minutes

To Recoat: 4 - 8 Hours

To Light Service: 8 Hours or overnight

**Dries By:** Evaporation, Coalescence

**Spraying Note:** Product is typically diluted one quart per gallon with water when spraying. This will depend on the strength of the sprayer. Test first to ensure the sprayer is strong enough to produce an even spray fan. Dilute up to 1 qt / gal to produce even spray pattern. Use caution. Spraying any coating always increases negative health effects by atomizing particulate, increasing skin, eye and lung exposure. Air out building before removing respirator. Earthpaint does not use ethylene glycol, NMP, Benzene or Formaldehyde.

**Flushing Lines:** Flush clean water through spray rig before and after spraying. Continue to flush until rinse water is clear. Add 10% Earth Clean to water for extra cleaning power if needed. This is helpful for cleaning guns, pumps and getting oils out of the spray rig.

**Airless Spray: For Walls** Use 2000-3000 PSI, Large Tips .017-.019 -.021 and a 50-mesh filter. Backroll when spraying. **For Trim:** 2500 PSI, Narrow Fan .011 Tip and 80 mesh Filter. Use fast, precise strokes.

**Viscosity:** >100 ±3KU

**Flash Point:** Non-Flammable

**Specific Gravity:** 1.33

**60-Degree Specular Gloss:** Less than 5: Flat

**Surface Temperature at Application:**

Minimum: 55 F, Maximum: 90 F

**Storage Temperature:** 55-90F

**Dilution:** Add up to 32 oz. (1 Qt) per gal with clean water if desired. Add 1 gal water to four gallons of Lime Prime.

**Clean Up:** Water.

**Weight Per Gallon:** 12.5 lbs.

**Shelf Life:** 1 yr

**Disposal:** Biodegradable. Dry waste in sand before landfill.

**Volatile Organic Compounds (VOC):**

0 g/L

### Colors

Comes in High Hiding Bright White. To make Grey Primer: Add 1 oz of Black Colorant to one Gallon of Lime Prime.

### Limitations

Always test for personal sensitivities, Allergies and preferences in small inconspicuous areas before application to the entire surface. Do not allow to freeze, apply above 55F.

Do not paint directly on Aluminum.

Water Stains, knots and sap should be spot treated with a stain blocker such as Mountain. Lime Prime is not a stain blocker. It does cover mold stains and can be painted directly over mold stains but it does not block water stains or tannin bleed. Generally, these areas are spot primed before or after Lime Prime is applied.

Two coats are recommended on severe mold causing conditions such as areas where high humidity and water is a constant problem.

If heavy dirt and debris around mold stains cannot be cleaned plan on spot repairing any encapsulated, peeling areas caused by heavy debris. Normal mold stains can be coated directly without issue and it takes an abnormal amount of debris to cause peeling.

### Surface preparation

Clean surface. Remove unsound coatings. Cover all areas not to be coated. Use Earth Clean to wash greasy or soiled areas.

### Basic Application

Stir thoroughly. Spray, brush or roll onto surface with an even comprehensive method. Always Backroll or backbrush when spraying. When rolling use 3/8" - 3/4" nap roller cover. Pour material out of a mix pot and into a work pot. Apply product from the work pot, not the mix pot. Do not contaminate the mix pot.

Cut in corners first then roll out flat areas. Start on ceilings and work down. Keep product and utensils clean. Do not allow to dry out in the can or roller pan. Avoid painting in direct sunlight if temp. is above 70F. Cover with a wet rag if necessary during breaks. If application utensil picks up dirt from substrate wash out with water.

### Apply Two Coats for Problematic Areas

Two applications: Apply two coats for problematic areas where high moisture and water is still an issue or is constant.

### Recycle

Containers are a leading contributor to landfill mass. Recycle containers whenever possible.

Earthpaint Incorporated

828-258-2580

[www.earthpaint.net](http://www.earthpaint.net)

**Email:** Support@earthpaint.net