

APPLICATION GUIDE

OxiGen™ Limewash

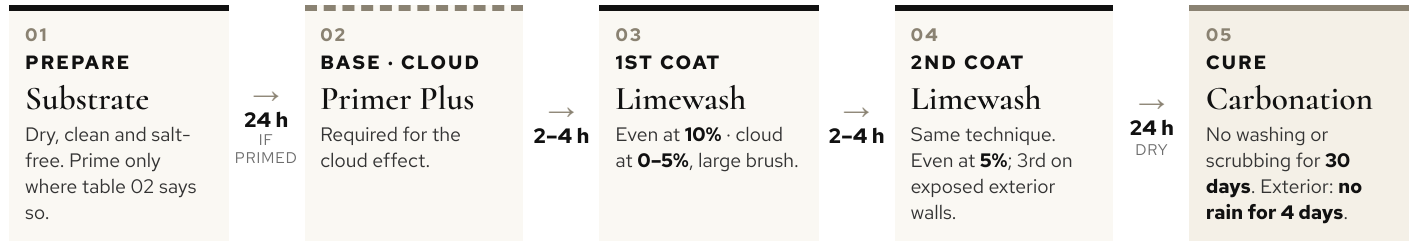
Lime mineral paint · White & Color · from substrate to full cure

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USE WITH THE TDS OF LIMEWASH WHITE, LIMEWASH COLOR AND PRIMERS

01 THE SYSTEM AT A GLANCE

One product, two finishes: **even**, by roller or sprayer, or **cloud effect**, with a large brush over an OxiGen Primer Plus base. Either way, thin coats and full waiting times: lime gains hiding power and hardness as it carbonates – not from heavier coats.



02 WHAT TO DO ON EACH SUBSTRATE

SUBSTRATE	PREPARATION	PRIMER
Concrete, CMU, stucco, plaster, matte mineral paint	Dry, cured ≥ 28 days ; 1st coat at 10%	Not needed
Uneven absorption: drywall, brick, patches	Sand joint compound; clean and dust off	Primer L44
Mold, algae or mildew residue	Clean thoroughly with a biocide; let dry	Primer L44
Highly absorbent or crumbling substrate	Scrape and brush off all loose material	MinerGen
Salts or efflorescence	Dry-brush off the salt crusts	Neutralysalt Primer
Latex or film-forming paint, or loose paint	Strip, scrape or pressure-wash it off	Per substrate
Wood and MDF	Sand, then blow off dust with compressed air	All Terrain 4x4 Primer
Rust-free metal, tile and other non-porous	Clean, dry and degreased	All Terrain 4x4 Primer
Rusted or corroded metal	Do not paint over rust	Technical Dept.
Surfaces in permanent contact with water	Do not apply	Not suitable

Fix the cause first: structural cracks, rising damp, condensation or leaks. **Cloud effect (White & Color):** always over a base coat of OxiGen Primer Plus on the prepared substrate. In high-humidity areas (bathrooms, kitchens), protect with TerraGen™ PU Water-Repellent; it reduces breathability.

03 COVERAGE AND WAIT TIMES PER COAT

COAT	PRODUCT	DILUTION	COVERAGE / COAT	WAIT
PRIMER	Primer L44	1:1 with water	1,020–1,220 ft²/gal	24 h
	MinerGen	Undiluted · 2–3 passes, 1 h apart	530–650 ft²/gal	24 h
	All Terrain 4x4 Primer	Undiluted · 1 coat	400–480 ft²/gal	24 h
	Neutralysalt Primer	Undiluted · 1–2 passes wet-on-wet	1,020–1,220 ft²/gal	24 h
BASE · CLOUD	OxiGen Primer Plus	5–10% by weight (≈ 10–19 fl oz/gal)	200–240 ft²/gal	2–4 h
1ST COAT	Limewash	Even 10% by weight (≈ 19 fl oz/gal) · cloud 0–5%	365–445 ft²/gal	2–4 h
2ND & 3RD	Limewash	Even 5% (≈ 9 fl oz/gal) · cloud 0–5%	365–445 ft²/gal	2–4 h

Water per US gallon of product. Times at 77 °F and 60% RH; cold or humid conditions extend them. Limewash: fully dry 24 h after the last coat, full cure in 30 days. Cloud effect: 2 coats, with 0–5% water (up to ≈ 9 fl oz/gal) to the desired consistency. Coverage is indicative; with a large brush it varies with the look – test on site. Example: 500 ft², 2 coats ≈ 2.3–2.7 gal of Limewash.

04 STEP BY STEP

- 1 **Check the substrate:** dry, clean, free of dust, salts and loose paint (remove it by hand or pressure washing); mineral substrates cured for 28 days. Clean off algae, mold or mildew with a biocide.
- 2 **Mask** woodwork, glass, stone and floors, and wear gloves and eye protection. Wipe splashes immediately with water.
- 3 **Prime** where table 02 says so. **WAIT 24 H** For the cloud effect, apply an OxiGen Primer Plus base coat. **WAIT 2-4 H**
- 4 **Mix and test:** stir and dilute (table 03; for the cloud effect, 0-5% to the desired consistency), and box the cans for each wall in one large bucket; stir often, as lime settles. Make a 10 ft² sample and judge the color dry: lime lightens as it dries.
- 5 **Even finish**, by roller or sprayer: thin, regular coats, full sections from corner to corner, never going back over drying areas.
RECOAT AFTER 2-4 H
- 6 **Cloud effect**, with a large brush: soft, rounded strokes to suit the look you want, without spreading the load evenly, so the natural lime movement shows and light and dark tones build up. Cut in edges and corners with the same technique: keep it irregular everywhere and avoid straight lines. Don't brush back into areas that are still wet. Same technique on the 2nd coat.
RECOAT AFTER 2-4 H · 24 H TO DRY
- 7 **Protect while it cures:** from sun, wind and rain (exterior: no rain for at least 4 days); 3rd coat on highly exposed exterior walls. No washing or scrubbing for 30 days.

05 CONDITIONS & TOOLS

WORKING CONDITIONS

- Air and surface temperature **41 °F to 104 °F**
- No direct sun, wind or hot surfaces, also while drying
- Times given at **77 °F and 60% RH**
- Corrosive product (**H314**): gloves and eye protection

TOOLS

- Even: medium-nap roller or sprayer (tip **≥ 0.017 in**)
- Cloud: **large wall brush**
- Large bucket and mixing paddle
- Clean tools with **warm water** right after use

06 COMMON MISTAKES AND HOW TO AVOID THEM

Lap marks

Joining onto a dried edge, or cutting in corners first. Work full sections wet to wet, corner to corner, without stopping.

Micro-cracking as it dries

Too much product in a single coat. Several thin coats, with the brush or roller well offloaded.

Tone differs between sections

Different batches, or product not stirred. Box the cans in one bucket and stir while you work.

Flat cloud, no light and dark tones

Load spread evenly, or brushing back into wet areas. Offload the brush unevenly, with rounded strokes.

Straight lines or visible cut-ins

Edges and corners done with another tool or stroke. Cut in with the same brush and the same rounded strokes.

"It doesn't cover" or doesn't match the sample

Recoated too soon, or judged while wet. Wait 2-4 h before recoating and judge the color dry: lime lightens.

07 AFTER APPLICATION

- **Touch-ups:** same-batch product; redo the whole section, corner to corner – a spot touch-up will show
- **Care:** dust off with a soft dry brush; no chemicals, abrasives or solvents. Refresh with a new coat
- **Leftovers:** sealed original container, cool, away from frost and sun; 18 months. Not down the drain

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