

TECHNICAL DATA SHEET

Edition 15.2025
OxiGen Lime Wash

PRODUCT DESCRIPTION

OriGen® OxiGen Lime Wash is a mineral lime-based paint–mortar for interior use, free of toxic substances or preservatives and highly breathable. It offers a matte mineral finish with a distinctive limewash cloud effect.

Formulated with high-quality vinyl acetate-ethylene (VAE) and enhanced with **CACO₃® Technology**, this product is durable, resilient, and actively contributes to improving indoor air quality. OxiGen Lime Wash neutralizes CO₂ and maintains an extremely low carbon footprint.

Ideal for residential use, new construction, and interior decorative projects.

PRODUCT FEATURES

- High hiding power
 - Matte mineral finish
 - Strong adhesion without forming a film
 - Highly breathable and water-repellent
 - Prevents condensation
 - Free of VOCs and formaldehyde emissions
 - Sustainable; designed under circular economy standards
 - Free of preservatives, solvents, and microplastics
 - Titanium dioxide content < 1%
 - Organic content < 5%
 - Neutralizes CO₂
 - Washability: Class 2
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TECHNICAL PROPERTIES

Property	Value
Specific Gravity	1.4 ± 0.05 g/cm ³ (11.68 ± 0.42 lb/gal)
pH	13 ± 1
Viscosity	80–120 KU

Property	Value
Solids by Weight	60 ± 5%
Nature	V.A.E.
Appearance	Dense liquid
Finish	Matte
VOC Content	< 1 g/L
Fire Classification	A2 (non-combustible)

COVERAGE

Approx. **1.25–2.1 lb/ft²** (2 coats), resulting in a total thickness of **0.08–0.12 in (2–3 mm)**.

Coverage may vary depending on substrate type and condition, tools used, and method of application. On-site testing is recommended to determine exact consumption.

SUBSTRATE PREPARATION

Surfaces must be dry, clean, and free of dust, salts, and imperfections. Remove any poorly adhered previous paint using manual methods or pressure washing. Ensure a uniform texture across the surface.

If algae, mold, or mildew are present, clean thoroughly using appropriate biocidal products.

For absorbent substrates, use MinerGen primer.

For wood, corrosion-free metal, or non-porous surfaces (e.g., ceramic tiles), apply a bonding primer.

Remove old paint layers that form a film or block vapor diffusion using a paint stripper or mechanical means.

Mineral substrates must be cured for at least **28 days**.

Avoid application on surfaces in permanent contact with water.

In high humidity or pollution-prone areas, use a water-repellent sealer to reduce absorption.

If the substrate presents conditions not described here, consult the Technical Department.

GENERAL INSTRUCTIONS

- Protect adjacent surfaces (woodwork, glass, stone, etc.)
- Wash off splashes immediately with clean water
- Do not mix with other products to preserve its specific properties

SUITABLE SURFACES

Plaster, drywall, fillers, prefabricated panels, uncoated wallpaper, brick, perlite, and other mineral-based surfaces.

APPLICATION CONDITIONS

- Ambient and surface temperature: **41°F to 104°F (5°C to 40°C)**
 - Do not apply in direct sunlight or on overheated surfaces
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PRODUCT PREPARATION

Stir thoroughly before use.

Ready to use – do not dilute.

APPLICATION METHOD

Apply the first coat using a brush or roller.

Apply the second and third coats irregularly using a wide round brush or flat wide brush.

Avoid applying excessive thickness in each coat to prevent micro-cracking.

Technical support available at:

✉ tech@origenpaints.com

DRYING TIMES

- Second coat: after **2–4 hours** at **77°F (25°C)** and **60% relative humidity**
 - Total dry time: **24 hours**
 - Full cure: **30 days** (maximum hardness and resistance)
Avoid cleaning or scrubbing before this curing period.
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TOOL CLEANING

Clean all tools with warm water immediately after use.

AVAILABLE FORMATS

- 1 qt (1 L)
 - 1.06 gal (4 L)
 - 3.96 gal (15 L)
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STORAGE

Store in the original sealed container in a cool place.
Protect from frost and direct sunlight.
Shelf life: **18 months** from the manufacturing date.

WASTE MANAGEMENT

Refer to the Safety Data Sheet and local regulations.
Packaging made from recycled plastic.
Do not dispose of product or waste down drains.
Take leftover material to your nearest hazardous waste collection center.
Act responsibly – reuse leftover paint whenever possible.

SAFETY INFORMATION

- Always consult the latest version of the Safety Data Sheet for detailed information on physical, ecological, and toxicological properties.
 - Avoid direct skin contact. Alkaline product: use gloves and protective eyewear.
 - Keep out of reach of children.
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DISCLAIMER

The values and characteristics listed are the result of extensive development and practical experience. Application recommendations—whether written or verbal—are

intended as general guidance and do not establish a contractual obligation.

Users must verify the product's suitability for the intended use. Follow all relevant construction regulations.

We reserve the right to make changes that improve the product or its application.

This edition supersedes all previous versions.