

Technical Data Sheet

Edition 15.2025
OxiGen Primer Plus

PRODUCT DESCRIPTION

OriGen® OxiGen Primer Plus is a lime-based primer with antibacterial, antifungal, and antiviral (Coronavirus) properties, free of water-repellent additives, and highly breathable. OxiGen Primer Plus contains high-quality artisanal lime from southern Spain, obtained by natural firing of limestone, resulting in a durable and long-lasting product that provides healthier and more sustainable environments. Its high concentration reduces the environmental impact of viruses and bacteria. It acts as a decontamination agent.

PRODUCT FEATURES

- Ideal for residential use, new construction, and interior decoration
- High hiding power
- Antiviral and antibacterial action
- Good adhesion; non-film-forming
- Highly breathable and water-repellent
- Prevents condensation
- Free of VOC and formaldehyde emissions
- Sustainable, designed according to circular economy standards
- Free of preservatives, solvents, and microplastics
- Titanium dioxide content <1%
- Organic content <5%
- Neutralizes CO₂

TECHNICAL PROPERTIES

Property	Value	Units
Specific gravity	1.5 ± 0.05	g/cm ³ (~12.5 lb/gal)
pH	>13	
Viscosity	80–120	KU (Krebs units)
Solids content	60 ± 5%	
Nature	Natural & Traditional lime	

Property	Value	Units
Appearance	Dense liquid	
Finish	Matte	
VOC content	<0.1 g/L	
Fire resistance	A0	

COVERAGE

5–6 m²/L per coat (approx. 200–240 ft²/gal, 1 coat)

Coverage depends on substrate type, condition, tools, and application method. Exact consumption should be confirmed on-site.

SURFACE PREPARATION

- Substrate must be dry, clean, and free of dust, salts, and imperfections.
 - Remove any loose particles of previous paint manually or with pressurized water.
 - Ensure the substrate texture is even.
 - For substrates with algae, mold, mildew, or impurities, thoroughly clean using specific products.
 - For absorbent substrates, apply MinerGen sealer.
 - For wood, metal (free of corrosion or oxidation), or non-porous substrates (such as tiles), apply a primer as a bonding agent.
 - Remove old paint films that hinder vapor diffusion or are loose by stripping or mechanical means.
 - Mineral substrates must be at least 28 days old.
 - Do not apply to surfaces in permanent contact with water.
 - In high moisture or contamination areas, apply a water-repellent sealant to minimize water and impurity absorption.
 - For unspecified substrate conditions, contact the Technical Department.
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GENERAL INSTRUCTIONS

- Protect surfaces not to be treated (woodwork, glass, stone, etc.).
 - Wash off splashes immediately with water until completely removed.
 - Do not mix with other products to preserve specific properties.
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APPLICATION SURFACES

Plaster, stucco, fillers, prefabricated panels, uncoated wallpaper, brick, perlite, and other mineral surfaces.

APPLICATION CONDITIONS

Ambient and substrate temperatures should be between 41°F and 104°F (5°C to 40°C). Do not apply in direct sunlight or on sun-heated substrates.

PRODUCT PREPARATION

Stir thoroughly and dilute with water at 5–10% of the product weight (approximately 3.4–6.4 fl oz water per US gallon of product).

PRODUCT APPLICATION

OxiGen Primer Plus can be applied as a first coat using spray, brush, or roller.

TECHNICAL ADVICE

If in doubt, consult the technical department at info@origenpaints.com.

DRYING TIMES

- Second coat can be applied after 2–4 hours (at 77°F and 60% relative humidity).
 - Higher humidity and lower temperatures will extend drying time.
 - Complete drying occurs 24 hours after application.
 - Full curing takes 30 days, achieving greater hardness and durability.
 - Avoid cleaning or scrubbing until this period has passed.
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TOOL CLEANING

Clean tools immediately after use with warm water.

PACKAGING / FORMATS

0.25 US gallon, 1 US gallon, 4 US gallons, and 5 US gallons containers available.

STORAGE

Store in original, sealed containers in a cool place. Protect from frost and direct sunlight.

Maximum storage time is 18 months from the date of manufacture.

WASTE MANAGEMENT

Refer to the Safety Data Sheet and comply with local regulations.

Containers are made of recycled plastic.

Respect the environment: do not dispose of waste down drains; use nearest recycling center.

Reduce paint waste and reuse leftover product.

SAFETY INSTRUCTIONS

Review the most recent Safety Data Sheet for safety, physical, ecological, and toxicological information.

Avoid direct skin contact. This is an alkaline product; wear protective gloves and eye protection.

Keep out of reach of children.

DISCLAIMER

The values and characteristics indicated are based on intensive development and practical experience.

Application recommendations, verbal or written, are advisory to assist in product selection and do not constitute a contractual obligation.

Users must verify the product's suitability for intended use.

General technical construction standards apply.

We reserve the right to modify the product or its application.

This edition supersedes all previous editions.