TECHNICAL DATA SHEET

Primer White L44

Water-based, bio-based primer

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01 PRODUCT DESCRIPTION

OriGen Primer White L44 is a water-based, bio-based primer that evens out and reduces substrate absorption, promoting savings on subsequent paint. Recommended for absorbent and/or weak substrates, as well as for unventilated spaces prone to microorganism growth.

Its formula is designed to minimize its carbon footprint.

Ideal for residential use, new construction, and interior/exterior decoration.

02 KEY FEATURES

- Regulates substrate absorption
- Improves topcoat adhesion
- Optimizes topcoat consumption
- Consolidates substrates
- Favors material and labor savings
- Does not alter substrate breathability
- For indoor and outdoor use
- Contains additives that protect surfaces against fungal and algae growth
- In dry film, helps the finish resist algae and mold

03 TECHNICAL PROPERTIES

PROPERTY	VALUE	UNITS
Specific gravity	**1.05 ± 0.05**	g/cm³ (~8.8 lb/gal)
pH	**8.5 ± 1**	
Viscosity	**50–60**	KU (Krebs units)
Water vapor resistance (Sd)	**0.08–0.25**	m (V1/V2)
Nature	**Bio-Based (VAE)**	
Water vapor permeability	**>385**	g/m²·day
Appearance	**White liquid**	
VOC content	**<1 g/L**	

PROPERTY	VALUE	UNITS
Reaction to fire	**B-s1, d0 (UNE-EN 13501-1) · European classification**	

04 COVERAGE

25–30 m²/L

1 COAT, DILUTED 1:1 WITH WATER (APPROX. 1,020–1,220 FT²/GAL) · UNDILUTED: 11–15 M²/L (450–610 FT²/GAL)

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

05 APPLICATION SURFACES

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

06 SUBSTRATE PREPARATION

The substrate must be dry and clean, free of dust, salts, and imperfections. Any loose particles of previous paint must be removed manually or with pressurized water. Ensure the substrate texture is uniform.

If algae, mold, mildew, or other impurities are present, thoroughly clean using appropriate products to fully remove them.

Old paint films that prevent vapor diffusion or are not firmly adhered must be removed by stripping agents or mechanical means.

Mineral substrates must be at least **14 days** old. Do not apply on surfaces in permanent contact with water.

In areas highly exposed to moisture or heavy contamination, apply a water-repellent sealer to minimize water and impurity absorption.

If the substrate shows any pathology not covered above, please contact the Technical Department.

07 GENERAL INSTRUCTIONS

- Protect surfaces not to be treated (woodwork, glass, stone, etc.).
- Immediately wash off splashes with water until fully removed.
- Do not mix with other products to preserve specific properties.

08 APPLICATION CONDITIONS

Ambient and substrate temperatures should be between **41°F and 104°F** (5°C to 40°C).

Do not apply under direct sunlight or on sun-heated substrates.

09 PRODUCT PREPARATION

Shake well before use. Apply a single even coat. Stated coverage is for product **diluted 1:1 with water**.

10 APPLICATION METHOD

Primer White L44 can be applied by spray, brush, or roller.

For technical inquiries: marketing@origenpaints.com

11 DRYING TIMES

Second coat can be applied after **24 hours** (at **77°F** and 60% relative humidity). Higher humidity or lower temperatures will extend drying time.

Complete drying occurs **24 hours** after application.

12 TOOL CLEANING

Clean tools immediately after use with **warm water**.

13 PACKAGING FORMATS

Available in **1/4 US gallon**, **1.25 US gallons** and **6.5 US gallons** containers.

14 STORAGE

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

Maximum storage time is **24 months** from date of manufacture.

15 WASTE MANAGEMENT

Refer to the Safety Data Sheet and comply with local regulations. Containers are made of recycled plastic.

Protect the environment: do not dispose of waste down drains; use nearest recycling facility. Reduce paint waste.

Reuse leftover product whenever possible.

16 SAFETY INSTRUCTIONS

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

Keep out of reach of children.

The values and characteristics indicated are the result of intensive development and practical experience. Application recommendations, verbal or written, are advisory to assist in product selection and do not establish a contractual relationship. Users must verify product suitability for their intended use. General construction technical standards apply. We reserve the right to modify the product or application methods. This edition supersedes all previous editions.