TECHNICAL DATA SHEET

All Terrain 4x4 Primer

Bio-based multi-surface primer

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01 PRODUCT DESCRIPTION

OriGen All Terrain 4x4 Primer is a bio-based multi-surface primer that ensures paint adhesion on all types of smooth, non-porous surfaces. Provides antioxidant protection on metals (prevents corrosion and rust) and acts as a sealer on wood.

Its formula is designed to minimize its carbon footprint.

Ideal for residential use, new construction, and interior and 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
- Multi-surface primer
- Excellent adhesion bridge for paints
- Antioxidant on metal surfaces
- Sealer for wood, MDF board, and stains
- Suitable for any surface
- High strength and durability
- Fast drying

03 TECHNICAL PROPERTIES

PROPERTY	VALUE	UNITS
Specific gravity	**1.35 ± 0.05**	g/cm³ (~11.2 lb/gal)
pH	**9.5 ± 1**	
Viscosity	**95–120**	KU (Krebs units)
Solids content	**55 ± 5%**	
Nature	**Bio-Based (VAE)**	
Appearance	**Dense liquid**	
Finish	**White**	

PROPERTY	VALUE	UNITS
VOC content	**<5 g/L**	
Reaction to fire	**B-s1, d0 (UNE-EN 13501-1) · European classification**	

04 COVERAGE

10–12 m^2/L

PER COAT (APPROX. 400–480 FT^2/GAL, 1 COAT)

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

05 APPLICATION SURFACES

Metal, carbon steel, stainless steel, aluminum, wood, prestressed concrete, formwork concrete, glass, ceramics, low porosity surfaces and other surfaces.

06 SUBSTRATE 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 other impurities, thoroughly clean using specific products.
- 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 areas highly exposed to moisture or contamination, apply a water-repellent sealant to minimize absorption of water and impurities.
- For unspecified substrate conditions, contact the Technical Department.

07 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.

08 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.

09 PRODUCT PREPARATION

Shake thoroughly until smooth and apply evenly. **No dilution is required**; product is ready to use.

10 APPLICATION METHOD

All Terrain 4x4 Primer can be applied using 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 and 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 US gallon** and **5 US gallons** containers.

14 STORAGE

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

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

15 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.

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 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.