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OxiGen Exterior White

PRODUCT DESCRIPTION

OriGen® **OxiGen Exterior** is a lime-based mineral paint for exterior use, free of toxic substances or preservatives and highly breathable. *OxiGen Exterior* contains high quality artisanal lime combined with *TALES technology*, resulting in a hard-wearing and durable product that actively provides healthier and more sustainable environments.

OxiGen Exterior has a white matte mineral finish, neutralizes CO₂ and has a minimal carbon footprint.

For application in new construction and repainting, it is ideal for decorating facades and other mineral substrates.

PRODUCT PROPERTIES

- High hiding power.
- Matte finish.
- Good adhesion without creating a film.
- Highly breathable and water-repellent.
- Avoids condensation.
- VOC and formaldehyde emissions free.
- Sustainable; designed under circular economy standards.
- Free of preservatives, solvents and microplastics.
- Titanium dioxide content <1%.
- Organic content <5%
- Neutralizes CO₂
- High SRI index. Contributes to energy efficiency.

TECHNICAL CHARACTERISTICS

Specific weight	1.48 ± 0.05 g/cm ³
pH	13 ± 1
Viscosity	[80-120] U.K.
Solid content	60 ± 5 %
Nature	Aerial lime
Appearance	Dense liquid
Finish	Matte
VOC content	< 1 g/l
Fire resistance	A2

Performance: 4,5 – 6,5 m²/l (2 coats). It depends on the type and condition of the surface, the tools used and the application. An on-site sample should be carried out to determine the exact consumption.



SUBSTRATE PREPARATION

The substrate must be dry and clean, free of dust, salts and imperfections. Previous paint particles that are not well adhered must be removed manually or with pressurized water. Ensure that the texture of the substrate is even.

If the substrate has algae, mould, fungus and/or other impurities, it is recommended to carry out a thorough cleaning with specific products for such purposes.

In case of application on absorbent substrates, apply *MinerGen* mineral sealer. On wood, metal (free of corrosion or rust) or non-porous substrates (per example tiles) it is recommended to apply a specific primer as bonding agent.

Film-forming old paints that prevent vapour diffusion or are not firm must be removed with a paint stripper or by mechanical means.

Mineral substrates must be at least 28 days old. Do not apply on surfaces in permanent contact with water. In areas highly exposed to humidity or high pollution levels, it is recommended to apply a water repellent sealant to minimize the absorption of water and impurities.

If the substrate presents any pathology not specified above, it is recommended to contact the Technical Department.

GENERAL INDICATIONS:

Protect surfaces that are not going to be treated (carpentry, glass, stone...).

It is recommended to protect the treated surface from rain for at least 4 days.

Wash splatters immediately with water until their total elimination.

Do not mix with other products to preserve its specific properties.

APLICACION INDICATIONS

APPLICATION SURFACES:

Concrete, render, mortar, plaster, gypsum, plasterboard, brick and other mineral surfaces.

APPLICATION CONDITIONS:

The ambient and surface temperature must range between +5°C and +40°C. Do not apply under direct sunlight, on substrates overheated by the sun or in case of rain forecast in the 24 hours prior to application. Protect surfaces from sun, wind and rain during and after application.



PRODUCT PREPARATION:

Stir the product well and dilute with water at 5-10% of the product weight (approx. 100-150 ml of water per litre of product).

PRODUCT APPLICATION:

OxiGen Exterior can be applied by brush, roller or airless spray gun (nozzle: ≥ 435).

Apply 2 even coats. Please note that excessive product per coat may cause micro-cracks. Three coats are recommended for highly exposed facades.

Technical advice: For further technical information, please contact the technical department (tech@origenpaints.com).

DRYING TIME:

The second coat can be applied after 2-4 hours (at 25°C and 60% relative humidity). The drying time will increase with higher ambient humidity and lower temperatures. Total drying time takes 24 hours.

Full curing time is 30 days. The product will then reach a higher hardness and resistance. No cleaning and/or scrubbing is recommended until after this period.

TOOL CLEANING:

Wash tools after use with lukewarm water.

PRESENTATION / FORMAT:

4L and 15L

Format	Units per pallet
4 L	96 (ground transport.) / 120 (sea freight)
15 L	33 (ground transport.) / 120 (sea freight)

STORAGE

Store closed in its original bucket in a cool place. Protect from frost and direct sunlight.

Shelf life is 18 months after manufacture date.



WASTE MANAGEMENT

See Safety Data Sheet and follow local regulations.

Buckets are made of recycled plastic.

Please respect the environment, do not dispose of the product down the drain and use the nearest waste disposal point.

SUSTAINABILITY GESTURE

Please reduce paint wastage and reuse leftover product.

SAFETY INDICATIONS

See the latest version of the product MSDS for safety, physical, ecological and toxicological data.

Avoid direct contact with skin. Use protective gloves and goggles.

Keep out of children's reach.

The values and characteristics indicated are the result of intensive development work and practical experience. Application recommendations, both verbal and written, are intended to assist in the selection of our products and do not constitute a contractual legal relationship. In particular, they do not release the user from the obligation to check the suitability of the product for the intended use. The general technical standards of construction shall be respected. We reserve the right to make modifications to improve the product or its application. This edition supersedes all previous editions.