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EnluGen

PRODUCT DESCRIPTION

OriGen® **EnluGen** is an aerial lime stucco in paste form for interior and exterior use. *EnluGen* features *TALES technology*, is highly breathable and provides healthier and more sustainable environments. In addition, it neutralizes CO₂.

EnluGen is versatile, elegant, highly resistant and durable, making it ideal for high decoration projects. Ideal for use in new construction, restoration and in rehabilitation of heritage buildings.

PRODUCT PROPERTIES

- High flexibility, adhesion and resistance.
- Good workability.
- Highly breathable. Prevents condensation.
- For interior and exterior use.
- High water vapour permeability.
- Free of VOC and formaldehyde emissions.
- Neutralizes CO₂.
- Sustainable; designed under circular economy standards.

Product presentation:

Bi-component product consisting of a lime paste bucket and a bag of aggregate. In the Spanish market it is supplied ready-to-use in a 15L bucket (20kg); in international markets both options are available.

TECHNICAL CHARACTERISTICS

Specific weight	1.35 ± 0.05 g/cm ³
pH	13 ± 1
Viscosity	[115-150] U.K.
Solid content	65 ± 5 %
Nature	Aerial lime
Appearance	Dense paste
Finish	Matte
VOC content	< 1 g/l
Fire resistance	A2

AVAILABLE COLOURS:

White and *Harmony* Colour Card. Please note that the final colour tone may slightly vary from the selected one.



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...).

Do not soak the substrate before application, only dampen if it is very dry.

Do not add water for its hardening, it cures by absorbing environmental CO₂.

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

It is recommended to protect the surface with a 1 or 2-component water repellent product. This will depend on the degree of humidity and cleanliness to which the surface will later be exposed.

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

APPLICACION INDICATIONS

APPLICATION SURFACES:

Generally applied over plaster or paint. It can be applied on other surfaces with a correct preparation of the substrate, such as prefabricated panels, concrete, existing paint or tiles.



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.

PRODUCT PREPARATION:

Shake *component A* and mix it with *component B* until a uniform, creamy paste is obtained.

PRODUCT APPLICATION:

Manually apply 2 or 3 coats with 1 hour between them. Follow with the desired effect:

- For a matt finish, sand lightly.
- For a glossy finish, polish by hand or with an electric polishing machine.
- For a natural, breathable finish, it is recommended to apply beeswax.

If the product dries during application, spray the surface with water to recover the workability.

Recommended working thickness: 0.3 mm.

Product consumption: between 0.25 and 0.3 kg/m² per mm thickness, depending on the finish and the substrate condition.

Technical advice: In case of doubt, please contact the technical department tech@origenpaints.com

DRYING TIME:

At 25°C and 60% relative humidity: 30-40 minutes for hand polishing and min. 90 minutes for electric polishing; 24 hours for final protection.

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.

TOOLS:

Stucco trowel, japanese trowel.

TOOL CLEANING:

Wash tools after use with lukewarm water.



SHIPPING FORMAT:

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Presentation	Format	Units per pallet
Ready-to-use	15 L (20 kg)	33 (ground transport.) / 44 (sea freight)
Bi-Component	4 L (component A)	96 (ground transport.) / 120 (sea freight)
	15 kg (component B)	56

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.
The containers are made of recycled plastic (component A) and paper with intermediate polyethylene film (component B).
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.