

## TECHNICAL DATA SHEET

Edition 07.08.2026

### OriGen® ClayGen Base

Natural Clay Paint · Matt Finish

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### PRODUCT DESCRIPTION

OriGen® ClayGen Base is a mineral paint based on clay, free of toxic substances and highly breathable, that delivers a natural matt finish for interior walls and ceilings. Suitable for both new construction and restoration, it allows walls to breathe and is ideal for sustainable construction projects and the renovation of heritage buildings. During its carbonation process the paint absorbs CO<sub>2</sub>, actively helping to reduce CO<sub>2</sub> in the air while creating healthier indoor spaces.

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### KEY FEATURES

- Matt mineral finish
- Clay-based and free of toxic substances
- Highly breathable — helps walls regulate moisture for healthier indoor spaces
- Absorbs CO<sub>2</sub> during carbonation
- VOC content (in use) < 1 g/L
- Ideal for heritage restoration and sustainable construction
- Interior use

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### TECHNICAL PROPERTIES

| Property                                          | Value                           |
|---------------------------------------------------|---------------------------------|
| Base                                              | Clay-based mineral paint        |
| Finish                                            | Matt                            |
| VOC Content                                       | < 1 g/L (in use)                |
| Max. allowed VOC (Directive 2004/42/EC, Cat. A/h) | 30 g/L                          |
| Shelf life                                        | 18 months from manufacture date |

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## COVERAGE

13–16 m<sup>2</sup> per gallon (1 coat) — approx. **140–170 sq.ft/gal**

Actual coverage depends on the surface type and condition, tools used, and application method.

On-site testing is recommended to determine precise consumption.

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## APPLICATION SURFACES

- New mineral plaster and old plaster strongly adhered to the wall
  - Exposed mineral substrates such as mortar, plaster, render, concrete, or limestone
  - Highly absorbent mineral substrates
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## SUBSTRATE PREPARATION

- Ensure the substrate is clean, dry, and free of dust, salts, and imperfections.
  - If algae, mould, or fungus are present, clean the surface thoroughly with specific products.
  - Remove any areas that are not properly adhered by scraping and brushing.
  - Mineral substrates must be at least **28 days** old, fully cured and dry.
  - Do not apply on surfaces in permanent contact with water.
  - Protect surfaces that will not be treated (carpentry, glass, stone).
  - Do not mix with other products.
  - For pathologies not described in this document, contact the Technical Department.
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## APPLICATION CONDITIONS

- Ambient and surface temperature: **46°F to 90°F** (+8 °C to +32 °C)
  - Do not apply under direct sunlight, on substrates overheated by the sun, or if rain is forecast within the following **24 hours**.
  - Protect the treated surface from rain for at least **4 days**.
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## PRODUCT PREPARATION

- Shake thoroughly before use.
- Apply even coats without saturating the surface.
- Do not mix with other products.

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## APPLICATION METHOD

- Apply by roller, brush, or spray gun.
- Apply one even coat; if a second coat is needed, apply it after **2–4 hours**.

For technical inquiries:

 [info@origenpaints.com](mailto:info@origenpaints.com)

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## DRYING & CURING TIMES

- **Second coat:** After 2–4 hours at **77°F** and 60% relative humidity
  - **Full drying:** After 24 hours
- Drying time may vary with temperature and humidity.*

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## TOOL CLEANING

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

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## PACKAGING FORMATS

- **4 gal**
- **5 gal**

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## STORAGE

Store closed in its original bucket in a cool place, protected from frost and direct sunlight. Shelf life: **18 months** from manufacture date.