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## MinerGen

### PRODUCT DESCRIPTION

OriGen® **MinerGen** is a mineral consolidating sealer based on potassium silicate, free of toxic substances and highly breathable. *MinerGen* consolidates decohesioned substrates and absorbent mineral substrates prior to the application of another mineral product.

For use in new construction and restoration, it is ideal for sustainable construction projects and renovation of heritage buildings.

### PRODUCT PROPERTIES

- Serves as silicatisation agent.
- Reduces the absorption of the substrate.
- Highly breathable; allows the wall to breathe.
- Penetrates into the substrate without creating a film.
- Very resistant and durable.
- Ecological; designed under circular economy standards.
- Low in VOC emissions and formaldehyde-free.
- Free of preservatives, solvents and microplastics.

### TECHNICAL CHARACTERISTICS

Specific weight	1.02 ± 0.05 g/cm <sup>3</sup>
pH	11 ± 1
Viscosity	<50 U.K.
Solid content	68 ± 5 %
Nature	Potassium Silicate
Appearance	Colourless liquid
VOC content	< 1 g/l

**Performance:** 13 – 16 m<sup>2</sup>/l (1 coat). 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.

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.



Remove areas not properly adhered by scraping and brushing.

Mineral substrates must be at least 28 days old, as well as cured and dry.

Do not apply on surfaces in permanent contact with water.

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.

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

### **APLICACION INDICATIONS**

#### **APPLICATION SURFACES:**

New mineral plaster and old plaster strongly adhered to the wall; exposed mineral substrates such as mortar, plaster, render, concrete or limestone and highly absorbent substrates.

#### **APPLICATION CONDITIONS:**

The ambient and surface temperature must range between +8°C and +32°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 the product before application.

#### **PRODUCT APPLICATION:**

Apply 1 even coat. Do not saturate the surface with the product.

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

#### **DRYING TIME:**

A second coat can be applied after 2-4 hours (at 25°C and 60% relative humidity). Total drying time takes 24 hours.



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**TOOL CLEANING:**

Wash tools after use with lukewarm water.

**PRESENTATION / FORMAT:**

1L, 4L and 15L

Format	Units per pallet
1 L	360
4 L	96 (ground transport.) / 120 (sea freight)
15 L	33 (ground transport.) / 44 (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.

**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 stated values and characteristics are the result of intensive development work and practical experience. Verbal and written application recommendations are intended to assist in the selection of our products and do not constitute a contractual legal relationship. They shall not release the user from the obligation to check the suitability of the product for the intended use. The general technical construction standards shall be complied with. We reserve the right to make changes to improve the product or its application. This edition supersedes all previous editions.