



Hydroxeal Premium

Version: feb-17

Hydroxeal Premium is a water-repellent treatment for humid or atmospherically polluted areas. It prevents capillary absorption of water and contaminants without clogging the pores, thus not significantly altering the substrate's permeability to gases and water vapours.

PRODUCT DESCRIPTION

Where to apply:

General use protection of vertical mineral surfaces or surfaces with marked gradients.

Suitable as a water-repellent finish for plaster, mineral paints, exposed concrete, prefabricated concrete elements, calcareous sandstone, etc.

In interiors, it is recommended for areas that are in contact with water vapour, such as bathrooms, kitchens, inside of swimming pools buildings, etc.

Features:

- Water-repellent.
- Protection against humidity and acid rain.
- Protection against atmospheric dirt.
- Does not alter the breathability of substrates.
- High penetration power. Does not form film.
- Excellent weather resistance.
- Alkaline-resistant.
- Quick drying.
- Free of VOCs emissions.

Yield:

To obtain water-repellent effect, use 200-300 ml/m² on mineral paints and 400-500 ml/m² on mineral mortars. Yield of the final solution.

Storage:

Keep in original pack, closed and in a cool and dry place. Keep from freezing and avoid direct sun exposure. Unopened, it may be conserved for at least 12 months. The product may produce sediment, thicken or separate, without losing its properties; always shake well before applying.

Technical properties:

Specific weight	0.99 ± 0.05 g/cm ³
pH	10 ± 1
Viscosity	< 50 K. U.
Nature	Siloxenes / modified silanes.
Appearance	Whitish liquid
Finish	Colourless

Format:

Available in pots of 1 l y 5 l. Inquire about other formats.

APPLICATION INSTRUCTIONS

Conditions of the substrate:

The support must be dry, firm, well adhered and free from any impurities that may hinder the product's penetration.

Preparation of the substrate:

If the substrate contains impurities, it is recommended to clean it with pressurised water. Should there be colonies of mould, lichens, algae and bacteria, brush with sodium hypochlorite (bleach) and wait at least 48 hours before application.

If the substrate is sandy, dusty, etc. brush and consolidate with *Minerseal Premium* diluted 3:1 with water.

Product preparation:

Mix well to ensure an even consistency and dilute with water in a proportion of 1:3 for mineral paint and 1:1 for mineral mortar.

Application method:



Impregnate the substrate until its saturation. Generally, one or two coats are enough to achieve proper performance. The application of successive coats is performed in a semi-wet state.

Paint in sections starting with the borders. Avoid overlapping.

Drying:

In conditions of 25 °C and 60% relative humidity, allow 24 hours for drying.

Environmental conditions:

The work temperature (environment and substrate) must be greater than +5 °C and less than +32 °C. Do not apply in direct sunlight, nor on support heated by the sun.

Tools:

Roller, brush, spray gun or projected at low pressure.

Tool cleaning:

Clean tools after use with warm water.

Notes:

The indicated times are for environmental conditions of 25 °C and 60% relative humidity.

The mineral substrate must be at least 28 days old.

The substrates to be painted must be resistant to high alkalinity.

Do not apply to surfaces in constant contact with water. It is not a waterproofing solution.

In case of rain, let the substrate dry for at least 48 hours before applying.

It is recommended to protect the treated surface from rain, during the first 24 hours.

The parts that are not going to be treated must be protected (glass, wood, etc.).

The information provided is given in good faith, based on current knowledge and IEdiSA's experience with the products when they are properly stored, handled and applied in normal situations and in accordance with the recommendations of IEdiSA. The Technical Specifications sheet is useful for information and consulting, but is not legally binding. In particular, it does not exempt the user from testing and verifying the suitability of the product for the desired application and purpose. IEdiSA reserves the right to modifications that improve the product or its application. This version invalidates previous ones.

Should there be strict aesthetic requirements, it is recommended to perform prior tests. There may be a slight darkening.

Do not mix with other products or specific properties may change.

Complementary products:

It is recommended to use the *Graphenstone* product line for complementary actions, according to the required application, repair and/or finish. Please, refer to the relevant technical datasheets.

ADDITIONAL INFORMATION

Usage warnings:

None in particular for normal use and people who do not have special pathologies. Alkaline product, protect skin and eyes especially. Apply with good ventilation, do not inhale product. Keep out of reach of children.

Waste management:

According to local legal provisions. The packages are made of recycled polypropylene.

Safety information:

For information regarding safety, physical, ecological and toxicological information see the latest version of the product's Material Safety Data Sheet.

Technical substrate:

For further information, please contact your local distributor or manufacture:

technicalsupport@graphenstone.com.