

## Hydroxeal Premium

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

### PRODUCT DESCRIPTION

#### 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.

#### Technical properties:

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

#### Yield:

To obtain water-repellent effect, use 200-300 ml/m<sup>2</sup> on mineral paints and 400-500 ml/m<sup>2</sup> on mineral mortars. Yield of the final solution.

#### Format:

Available in pots of 1 l, 5 l.

#### 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 36 months from the date of manufacture. The product may thicken without losing its properties; shake/mix well before use.

### APPLICATINO INSTRUCTIONS

#### Application surfaces:

General use for vertical or steeply sloping mineral surfaces such as plasters, mineral paints, exposed concrete, calcareous sandstone, etc. For interiors, it

is recommended for areas in contact with steam such as bathrooms, kitchens, covered swimming pools,

#### Conditions of the substrate:

The substrate must be dry, firm, well-adhered and free from any impurities that may hinder the product from setting fully.

#### Preparation of the substrate:

If the substrate presents algae, mold, fungi and / or other impurities, it is recommended to do a thorough cleaning, eliminating in its entirety and with specific products for this purpose.

If the substrate is not well adhered, first remove areas that do not adhere by scraping and brushing.

If the substrate has poor adhesion (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 proportion of 1:3 for mineral paint according to application and 1:1 for mineral mortar.

#### Application method:

Impregnate the substrate with the product until its saturation. Generally, 1-2 coats are enough to achieve water-repellent performance. The application of successive coats is performed in semi-wet state.

#### Drying:

24 hours at 25 °C and 60% relative humidity.

#### Environmental conditions:

The work temperature (environment and support) must be between +5 °C and +32 °C. Do not apply in direct sunlight or on substrate heated by the sun.

#### Tools:

Roller, brush or spray gun.

## Tool cleaning:

Clean tools after use with warm water.

## Notes

To preserve the water-repellent effect, it must be applied every 1-3 years depending on the area.

The mineral substrate must be at least 28 days old.

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

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

In case of rain, let the substrate dry for at least 24 hours before applying.

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

Should there be strict aesthetic requirements, it is recommended to perform prior tests.

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

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 Data Sheets.

## 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:

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.

According to local legal provisions. The pots are made of recycled polypropylene. Help protect the environment, do not throw waste through the drain and use the nearest recycling centre.

### Responsible gesture:

Minimize the product waste by estimating the amount you will need. Recover the unused product to give it a new use, keep it under the Storage section.

### 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 with local distributor or manufacture ([technicalsupport@graphenstone.com](mailto:technicalsupport@graphenstone.com)).