

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 product.
- 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 ³
pH	7.5 ± 1
Viscosity	< 40 U.K.
Nature	Siloxenes / modified silanes
Appearance	Whitish liquid
Finish	Colourless

Yield:

To obtain water-repellent effect, use 100-200 ml/m² on mineral paints (yield of the final solution) and 400-500 ml/m² on mortars.

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 can sediment, thicken or observe a separation of phases, without losing properties.

APPLICATION INSTRUCTIONS

Application surfaces:

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, etc.

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, mould, fungi and / or other impurities, it is recommended to do a thorough cleaning 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:

For application on mineral paint, dilute with water in proportion of 1:0.5 and shake. For application on mineral mortar, the product is ready-to-use, shake.

Application method:

Impregnate the substrate until its saturation. Generally, 2-3 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 working temperature (ambient and support) must be between +5 ° C and +32 ° C. Avoid applying when the ambient relative humidity is higher than 80% or when there is a probability of dew and condensation. Do not apply with direct incidence of the sun, in overheated supports or rain forecast.

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, be cured and dry.

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

Do not apply on surfaces with standing water or in permanent contact with water. It is not a waterproofing system.

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.

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. Any modification to the instructions and recommendations by the user, he will assume all the corresponding risk and responsibility. IEdiSA reserves the right to modifications that improve the product or its application. This version invalidates previous ones.

Waste management:

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 advice:

For further information, please contact with local distributor or manufacture (technicalsupport@graphenstone.com).