

Hydroxéal Premium

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Hydroxéal Premium is a water-repellent treatment with a transparent matte finish ideal for protecting surfaces affected by humidity and/or pollution. It acts as a water repellent without significantly altering the permeability of the substrate to gases or water vapor.

PRODUCT DESCRIPTION

Features:

- Excellent water-repellency.
- Protects against moisture and acid rain.
- Protects against dirt from pollution.
- Preserves breathability of the substrate.
- High penetration. Does not form impermeable layer.
- Outstanding weather resistance.
- Alkali resistant.
- Quick drying.

Technical properties:

Specific weight	0.99 ± 0.05 g/cm ³
pH	8.5 ± 1
Viscosity	< 40 U.K.
Composition	Modified siloxanes / silanes
Appearance	Whitish liquid
Finish	Transparent

Yield/Coverage:

To achieve desired waterproofing effect, use 100-200 ml/m² or 3-5.5 Fl.oz/Sq.Feet on mineral paints (consumption of the solution) and 300-400 ml/m² or 8.5-11 Fl.oz/Sq.Feet on mortars.

Pack Size:

1L and 5L.

Storage:

Store in original container. Keep tightly sealed in cool, dry place. Do not store in extremes of temperature, avoid direct exposure to sunlight and protect from frost. Unopened, storage stability is 36 months from date of manufacture. The product can sediment,

thicken or observe a phase separation, without losing its efficacy.

APPLICATION METHOD

Substrate Types:

Vertical mineral or substrates with a pronounced slope such as mortars, plasters, mineral paints, exposed concrete or calcareous sandstones. Indoors it is recommended for areas in contact with water vapor such as bathrooms, kitchens or indoor swimming pools.

Substrate Condition:

The substrate must be dry, firm, well adhered, even and free of any impurities that could hinder the perfect bonding of the product.

Substrate Preparation:

Any organic growth and/or other impurities should be removed by thorough cleaning using specific products for this purpose.

If the substrate is not well adhered, remove the non-adherent areas by scraping and brushing.

If the substrate is very lopsided (sandblasted or dusty), brush and consolidate with *Minerseal Premium* diluted 3:1 with water.

Product preparation:

Shake well and apply as is.

Application method:

Apply product until surface saturation. 2-3 coats is usually sufficient to achieve desired water-repellency.

The application of successive layers must be carried out in a semi-humid state.

Drying:

At 25 ° C (77 °F) and 60% relative humidity: 24 hours.

Ambient conditions:

The working temperature (ambient and substrate) must be between +5 °C and +40 °C (41 °F and 104 °F). Avoid applying when the relative humidity is higher than 80% or when there is greater probability of dew and/or con-densation. Do not apply under direct sunlight, on surfaces heated by the sun or in anticipation of rain.

Tools:

Roller, brush or airless.

Tool cleaning:

Clean tools after use with warm water.

Notes

To preserve the waterproofing effect, it should be applied every 1-3 years depending on local conditions.

Mineral substrates must be at least 28 days old.

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

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

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

Should there be any strict aesthetic requirements, it is recommended to carry out preliminary tests.

Parts that are not going to be treated should be protected (glassware or carpentry).

To maintain product efficacy do not mix with other brands.

Complementary products:

It is recommended to use the Graphenstone® product range for complementary actions according to the application, repair and/or finish required. Please refer to the corresponding Technical Data Sheets.

ADDITIONAL INFORMATION

Usage warnings:

None, particularly in situations where normal product application is expected and by people without any specific medical conditions. Alkaline product, protect skin and eyes especially. Do not inhale the product. Keep out of reach of children.

Waste management:

According to local legal regulations. The containers are made of polypropylene. Please contribute to the protection of the environment, do not throw waste down the drain and use the nearest recycling point.

Sustainability gesture:

Minimise product waste by carefully estimating the amount you will need. Store any unused product for future use according to the "Storage" guidelines.

Safety information:

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

Technical Support:

For further information, please contact your local distributor or manufacturer.

(technicalsupport@graphenstone.com).

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.