

Hydroxéal

Water Repellent Treatment

TECHNICAL DATA SHEET

Water-repellent treatment with a transparent matt finish ideal for protecting surfaces affected by humidity and/or pollution. It acts as a water repellent without altering the permeability of the substrate to gases or water vapour.

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 a film
Excellent weather resistance
Alkali resistant
Fast drying

TECHNICAL PROPERTIES

Specific weight	0.99 ± 0.05 g/cm ³
pH	8.5 ± 0.5
Viscosity	< 40 U.K.
Composition	Modified siloxanes / silanes
Appearance	Whitish liquid
Finish	Transparent
VOC Content	< 1 g/l

YIELD/COVERAGE

75-150 m²/l on paints

125-300 m²/l on mortars

Depending on the condition of the substrate, tools and application. The exact consumption should be determined by sampling on site.

STORAGE

Store in original container. Keep tightly sealed in a cool and dry area with no direct exposure to sunlight. Protect from freezing. Protect from temperatures below 5°C (41°F) and above 35°C (95°F). Unopened, storage stability is 12 months from date of manufacture. Product may thicken without losing its efficacy. Shake well before use.



PACK SIZE

1L and 5L.

SUBSTRATE PREPARATION

Vertical or steeply sloping mineral substrates mortar, plaster, render, mineral paints, brick, exposed mineral paints, brick, fair-faced concrete or limestone calcareous sandstone. In interiors, it is recommended for areas with increased humidity such as bathrooms, kitchens such as bathrooms, kitchens or indoor swimming pools.

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

- Any organic growth and/or other impurities should be removed by thorough cleaning using specific products for this purpose.
- If the substrate has any pathology consult the Graphenstone Application Manual Graphenstone Application Manual or contact the Technical Department.

PRODUCT PREPARATION

For mortars dilute with water in a 1:2 proportion (1 part product to 2 parts water). For paints dilute with water in a 1:1 proportion.

Shake the product until it is homogenized.

APPLICATION METHOD

Impregnate the substrate until the surface is saturated. In general, 2-3 coats are sufficient to achieve a water-repellent effect. The application of successive coats is carried out in a semi-wet state. Ensure application is from bottom to top on vertical surfaces.



DRYING

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

Please note, changes in temperature and RH will affect these times.

AMBIENT CONDITIONS

The working temperature (ambient and substrate) must be between 7 °C and 35 °C (45 °F and 95 °F). Avoid applying when the ambient relative humidity is above 80% or when there is a greater probability of dew and condensation. Do not apply under direct sunlight or on surfaces heated by the sun.

TOOLS

Roller, brush, airless or other type of projection.

Clean tools after use with warm water.

NOTES

In order to maintain the water repellent effect, it should be applied every 1-3 years depending on the area.

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

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

In case of rain, let the surface dry completely before application.

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

Please protect areas not being painted eg: glass and timber.

Do not mix with other brands to maintain product efficacy.

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.

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

Pots are made using 100% PCR recycled polypropylene and are 100% recyclable. Please consult your local authority for details on waste and recycling in your area.

Help protect the environment; do not pour waste or excess paint down the drain.

Please help to minimise waste and respect the environmental impact of manufacture by correctly estimating the amount of product you will need.

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 IEdiSA's current knowledge and experience of the product, when correctly stored, handled and applied, in normal situations and according to IEdiSA's recommendations. The Technical Data Sheet serves for information and advice, but is not legally binding. In particular, it does not exempt the user from test and check the suitability of the product for the desired application and purpose. IEdiSA reserves the right to make modifications that improve the product or its application. This edition invalidates previous editions.