

GECOL Hidrófugo



Colourless water-repellent for facades based on water

Excellent penetration into the substrate without surface film formation.

Reduces substrate degradation, protecting it from holding dirt (smog) and the appearance of efflorescence.

Permeable to water vapour.

Notable pearlescent effect.

Good resistance to alkalinity.

With special additives that prevent the appearance of mould.

Does not become glossy, sticky, or yellow on the substrates.



Uses



Quality

Anti-mould
Effect

Commissioning requirements

- The indications for use refer, where provided, according to our tests and knowledge and do not free the consumer from the study and verification of the product for its specific use.
- Other uses or other applications not described will not be considered within the product warranty.
- Before using this product, we recommend consulting the user manual.
- The data provided in this technical documentation has been obtained under standard laboratory conditions, so they may vary depending on the installation and the particular environmental conditions, which are beyond our control.
- The marking of this product is set in accordance with the provisions established in the **Technical Data Sheet** and exclusively under the conditions that it indicates for the technical analysis and continued verification of the regularity of the product.
- **GECOL** guarantees the perfect behaviour of its auxiliary products to the indicated situations.
- Materials from other brands or situations not described can affect the physical and aesthetic properties of our products.

Areas of application

Surface hidrofugante, liquid and colorless, formulated based on polysiloxane resins based on water.

It is specially designed for the water repellent treatment of vertical surfaces of most of the materials used in civil works, residential buildings and industrial warehouse construction, etc.

Due to its low molecular weight and the kinds of solvents used, it has excellent penetration into the most frequently construction materials.

Thanks to its polymerisation processes which give water-repellent effects, it maintains the vapour transmission coefficient unchanged, allowing the substrate to breathe.

It should be applied on mineral-based substrates such as:

- Masonry work.
- One-coat coatings for rendering and plastering.
- Marble, granite and other natural and/or artificial stones.
- Concrete.
- Roofing tiles.
- Fibre cement.

Directions for use

1_Before getting started

- Do not dilute or mix with other products.
- Protect surfaces that will not be treated.
- Use temperature: +10 °C to +35 °C (use temperature).
- Do not apply if there is a risk of frost, rainy weather or with high relative moisture in the substrate.
- Testing a small sample is recommended before treatment in order to check for any increase in colour

intensity once this is done.

- If in doubt, always consult our Technical Department.

2_Substrate preparation

- As a general rule, all substrates must be: sturdy, clean, stable, rough, flat, with some degree of moisture and absorption and totally set-up (hardened)
- The plaster or cracks or poorly adhering plaster or plasters should be removed.
- In the case of the existence of salt spray, they should be removed by brushing the surface dry and treating with **GECOL Desincrustante** agent, then rinsing with plenty of water.

- Substrate types and conditions:

A. Cement mortar substrate

Solid and clean with excellent resistance with all mortar retraction complete.

When applying via mechanical projection, wet down several times two days afterwards to prevent drying out. Apply a floated finish in all cases.

B. Concrete substrate:

Solid and clean with excellent resistance with all concrete retraction complete.

Prevent all surface grout and/or release agents by cleaning mechanically or washing with **GECOL Desincrustante**.

Rinse with clean water and let dry.

3_Application

- Apply **GECOL Hidrófugo** on the surface to be treated.
- It should be applied by soaking until the surfaces are saturated.
- Application is done with mechanical low pressure spraying in a curtain, roller or soft bristled brush.

- If the material is highly absorbent, we recommend applying several coats, with the second application being done as soon as the first has been finished. (Never let the previous coat dry).

Limits of use

Do not use:

- On waterlogged substrates and submerged surfaces.
- On metals, plastic and other non-mineral surfaces.
- Do not apply on paintings in poor condition or tempera paints.
- On supports are more than 5% residual moisture.
- In places where water may remain stagnant.
- Do not apply on horizontal surfaces or with a degree of inclination lower than 45°.

Cleaning

Clean any residue on the tools and coated surfaces with water before the product hardens.

Technical data

Coverage

0,090 – 0,150 l / m² (depending on the absorption of the substrate to be treated with the repellent).

Supply

1 and 5 litres containers.

Colours: Colourless.

Product

Composition: Dissolution of a polysiloxane emulsion.

Relative density: 1,00 +/- 0,05 kg/l.

Solids by weight: 5 +/- 1 %

Drying: 15 – 30 minutes.

Reprinted: Immediate. Wet on wet. / VOC content: 25.1 g / l.

Storage

Twenty-four months from date of manufacture in a sealed package and protected from the weather.

Safety data



GHS07



GHS05

Hazard

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary advice

P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear protective gloves / protective

clothing / eye protection / face protection.

P302 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse the skin with water / shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice.

P333 + P 313 In case of skin irritation or rash: Consult a doctor.

P501 Dispose of the contents / container in accordance with current legislation on waste treatment.

VOC: directive 2004/42 (II). Categories A/A.

EU limit value for the product: 30 g/l (2010)

Maximum VOC content of this product: 25.1 g/l.