

Waterproofing for Facades with a base of Silane-Siloxane

HIDROREIS®

PRODUCT

HIDROREIS® is a solution of silane - siloxane water-based, ready to use, suitable to protect and preserve facades and porous vertical surfaces against weathering, through their properties hydro repellency to water.

HIDROREIS® is monocomponent product easy to use and of high durability. Resists UV, allows the concrete to breathe, inhibits the formation of spots and discoloration of the surface, maintaining unaltered the appearance of diverse substrates.

SEGMENTS OF USE

HIDROREIS® is used in industrial, urban and maritime environments, where there is occurrence of chemical attacks. It is a colorless waterproof paint for:

- Facades of bare concrete, masonry and stone ornaments;
- Pre-molded panels;
- Plaster;
- Cement tiles, ceramics, mortar, etc.
- Ideal for conservation of work in aggressive environments, subject to the action of chloride ions.

PREPARATION

HIDROREIS® can be used on smooth or porous surfaces. The surface should be firm, clean, and free of oil, grease, or any film or contamination. The surface should be completely dry, can be moist but not wet. The drier the surface, the more penetration of **HIDROREIS®**.

All the repairs should be done before the application of **HIDROREIS®**. Protect the frames, joints, areas with asphalt-or bitumen-base paint and vegetation adjacent to the concrete surface or masonry that will be painted.

APPLICATION

The application can be done with a roller, brush, or an airless paint system. Apply **HIDROREIS®** up to saturation of the substrate, observing the recommended expenditure. On very porous surfaces, especially, it could be necessary to apply a second coat. Any new coat of **HIDROREIS®** should be applied only when the first coat is completely dry. The tools used for application of **HIDROREIS®** should be cleaned with water after use. After drying, the material can only be removed mechanically.

NOTE: If necessary a second coat, apply a maximum of 12 hours.

LIMITATION OF USE:

Avoid applying **HIDROREIS®** on rainy days, under the action of strong winds.

Temperature for application: minimum 10 ° C / 35 ° C maximum.

CLEANLINESS AND SAFETY

It is recommended that users use safety glasses and protective gloves. Contact with the skin should be avoided, because it can cause irritation. In case of contact with the skin or eyes, wash immediately with a lot of water and consult a doctor. In case of accidental ingestion, do not induce vomiting. Keep out of the reach of children and animals.

CHARACTERISTICS AND PERFORMANCE

Color	Colorless liquid
Drying time	2 to 6 hours, depending on temperature
Viscosity	10 cps
Package	Bucket: 3.6 L, 18 L; Drum: 200 L

YIELD * **

Bare concrete	150 mL/m ²
Porous surfaces (stone)	300 mL/m ²
Masonry/Ceramics	430 mL/m ²
Painted surfaces	100 mL/m ²

* Average consumption per coat, varying depending on the porosity.

** The product consumption is reduced by up to 40% when applied in paint type **Airless system**.



STORAGE

HIDROREIS® should be stored in a dry and ventilated location in temperatures below 77° F (25°C).

EXPIRATION

Kept in original packaging, the product has an expiration with a minimum of 12 months.

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Our technical advice concerning the application of the product is made verbally, in writing and through demonstration depending on the interest of the customer.

It should be noted that the application of the product is a precision process and when it is not applied by Reis e Reis, the company disclaims any responsibility; therefore, the responsibility is that of the customer. Regarding the storage and use of the product, any resulting change in its properties will be the complete responsibility of the customer.

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