



IDROREPEL

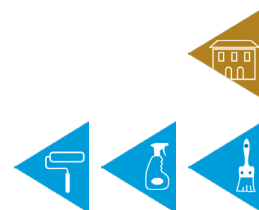
Solvent-based hydro-repellent impregnant for the protective treatment of facades



FACADES
cleaning, consolidation and protection



CIR EDILIZIA
RISOLVERE PER MEZZIERE



DESTINATION → **Facades** made in **natural stones, bricks** or **absorbent mineral substrates**. The product can be used also for the protection of **historical and monumental buildings**.

PROPERTIES → **IDROREPEL** is a product based on a **solvent-based solution of siloxane polymers**, specifically suited for the **hydro-repellent protection of facades** made in natural stones, bricks or absorbent mineral substrates.

IDROREPEL is characterized by a **very-low viscosity**. **Hydro-repellent properties** prevent the absorption of water (also of the salts/pollutants dissolved in it) inside the treated substrates. The product does not modify the color appearance of the surface, respecting its original characteristics. The application of **IDROREPEL** **does not change the breathability** of the support and **does not reduce its permeability to water vapor**. **IDROREPEL** also shows a **high resistance to U.V. rays**.

USE → **IDROREPEL** can be applied on surfaces that are absorbent, perfectly clean and perfectly dry.

IDROREPEL is **ready-to-use** and can be applied with **low-pressure vaporizer, soft brush in natural fibers or roller**. Apply the product in **at least two hands**, waiting the complete drying of the first one before applying the second. For high-porosity substrates, it is recommended to apply the product up to saturation of the support.

Anyway, apply **IDROREPEL** **uniformly, avoiding superficial stagnation**. Wait at least 48 hours in order to evaluate the final effectiveness of the treatment.

Always perform preliminary tests on the surface that has to be treated, in order to avoid possible undesirable effects.

YIELD → Approximately, **5 - 10 m² / lt** of product (2 hands). The performance of the product may vary with the absorption of the different types of substrate.

TECHNICAL DATA

- **APPEARANCE:** colorless transparent liquid
- **SPECIFIC WEIGHT:** 0,78 Kg/lt ± 0,1
- **WATER ABSORPTION REDUCTION:** >75% *

* values obtained in laboratory tests, in common practice they can undergo even important variations.

PACKAGING

- 1CR003L1** → 12 x 1 liter plastic **BOTTLE**
- 1CR003L5** → 2 x 5 litres plastic **TANK**
- 1CR003L10** → 10 litres plastic **TANK**

SPECIFICATION → Siloxane-based water-repellent protective in an inert solvent mixture, specific for stone materials of any nature and absorbent building artefacts (such as **IDROREPEL** by CIR). It must reduce water absorption by > 75%. It must not alter the chromatic aspect of the support, it must leave breathability unaltered, it must have high resistance to UV rays and it should be easily applied by brush or spray. It must be reversible. It must be provided with a 16-section safety sheet as required by current legislation. Upon request, a technical-scientific data sheet proving the properties of the product must be available.

WARNINGS

- Product intended for professional use.
- Operating temperatures from + 5 ° C to + 35 ° C
- Carefully protect the surfaces to which the product is not intended.
- Do not apply in conditions of high humidity, imminent rain or full sun.
- Do not smoke or use naked flames during the application.
- Equip operators as required by current safety regulations.
- Properly ventilate enclosed spaces during use of the product.

All information contained in our records correspond to our best knowledge of current techniques and cannot be considered binding or challenging as the real application conditions, verifiable case, may also result in major changes of both practices described above and the results obtained. Perform preliminary tests to determine if the product is suitable for the intended or not. We decline any liability for any damage resulting from improper use or misuse of the product. Do not litter in the environment. This data sheet replaces all previous versions.