



IDROSTOP NEW

Water-repellent siloxane, breathable,
nanotechnological water based protective



DESTINATION → Natural stones of any nature and absorbent building products, also of historical-artistic and / or monumental interest.

PROPERTIES → Product based on **water solubilized siloxane oligomers**. The product is characterized by a low viscosity which allows an **excellent penetration** into the material to be treated, giving it **strong water-repellent properties** which prevent water and salts / pollutants (responsible for stone degradation) dissolved in it from penetrating inside.

The **nanometric** diameter of its particles allows the product to penetrate inside the support with **a depth so far impossible to achieve with common water-based siloxane protectives**. The protective action of **IDROSTOP NEW** **does not change the breathability** of the substrate, **does not decrease its permeability** to water vapor, does not change the chromatic aspect of the treated materials and has a **high resistance to UV rays**.

USE → Apply the product only on absorbent, clean and dry surfaces. **IDROSTOP NEW** is **ready for use** and can be applied, as needed, using a **low pressure vaporizer** or a **soft brush in natural fibers**. Apply the product in **at least two successive coats**, wet on wet. For surfaces with high porosity, it is recommended to apply the product until the substrate is saturated. Apply evenly, avoiding surface stagnation of the product. Wait at least 48 hours in order to evaluate the effectiveness of the treatment. Carry out preliminary tests on the surface to be treated in order to avoid possible side effects.

YIELD → As an indication **5 - 10 m²/lt** of product (complete treatment).

STORAGE → The product must be stored **in its original, well-sealed containers**, protected from light, in cool environments away from heat sources at temperatures between + 5 ° C and + 35 ° C. Under these conditions, the product is **stable for 12 months**.

TECHNICAL DATA

- **APPEARANCE:** transparent liquid
- **SPECIFIC WEIGHT:** 1,0 Kg/l ± 0,1
- **WATER ABSORPTION REDUCTION:** >72% *

* Values obtained from laboratory tests, in common practice can also undergo significant variations

PACKAGING

- 1CR027L1** → 12 x 1 liter plastic **BOTTLE**
- 1CR027L5** → 2 x 5 liters plastic **TANK**
- 1CR027L10** → 10 liters plastic **TANK**

SPECIFICATIONS → Water repellent protective based on oligomer siloxanes, obtained through nanotechnologies, in an aqueous solution, specific for stone materials of any nature and absorbent products, also of historical-artistic and / or monumental interest (such as **IDROSTOP NEW** by CIR). It must have a reduction in water absorption > 72%. This protective must not alter the chromatic aspect of the substrate, it must leave its breathability unaltered, it must have high resistance to UV rays and must be easily applied by brush or spray. It must be reversible. It must be accompanied by a 16-section safety sheet as required by current legislation. A technical-scientific sheet proving the properties of the product must be available. on request.

WARNINGS

- Product intended for professional use.
- Operating temperatures + 5 ° C / + 35 ° C.
- Thoroughly protect the surfaces for which the product is not intended.
- Do not apply in imminent rain conditions and in full sun conditions.
- Do not smoke or use open flames during application.
- Equip operators as required by current safety standards.
- Adequately ventilate the closed rooms during the 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.