

RP 103

Concentrated acidic cleaner for delicate natural stones and cementitious plasters

Destination:

Delicate, silicate-based, acid-resistant natural stones, such as lavastone, granite, syenite. Can also be used to clean plasters and cementitious finishes. Do not apply on surfaces that are not resistant to acids, and on metals.

Properties:

Acidic-pH detergent, additivated of special emulsifiers and biodegradable surfactants that are specific to solubilize the mineral salts constituents of the dirt, of the pollution and the soil. RP 103 allows the rapid removal of organic and inorganic dirt, pollution and soil (smog, soot, strips of water, guano, etc.) on all acid-resistant surfaces. Its balanced formulation allows the product to not alter the appearance of the material to clean and makes it suitable for the removal of rust from stones. Under request, the product is also available in a thickened form.

Use:

The dilution of the product varies according to the nature of the support and to the type and the amount of dirt, pollution and soil to clean. Perform preliminary tests starting from the minimum concentration of 20% of product in water (200 ml of product + 800 ml of water to obtain one liter of diluted solution) and progressively increasing it as a function of the results obtained, in order to determine the right usage concentration. In case of cementitious finishes, it is recommended to start from the minimum concentration of 5% of product in water. Therefore, apply the diluted solution using a brush with synthetic fibers, helping its action with abrasive sponges or pads (of course, if the delicacy of the support allows it). Let RP 103 to act for about 10/20 minutes on the surface and then rinse thoroughly with clean water under pressure. Then wait for the drying of the surface in order to evaluate the effectiveness of the cleaning. Repeat every step of the process, if necessary. Establish by preliminary tests the resistance of the substrate at the product as well as the proper dilution to use, in order to avoid possible undesirable effects. It is a good rule to act with multiple applications and short contact times rather than with high concentrations of product.

Technical Data:

- Appearance: opalescent liquid with pungent odor.
- Specific gravity: 1,07Kg/l.
- pH: 4,5 ± 0,5.
- Packaging: 1/5/10 litres plastic tanks.

Yield:

Approximately, 3-6 square meters for liters of diluted solution.

* In cases where the product is rapidly absorbed by the surface, hiding the detergent action on dirt, it's recommended to wet the surface before applying the product.

Specifications: Acidic detergent specific for removing organic and inorganic dirt from delicate natural silicatic stones, cement finishes and plaster (as RP 103 by CIR). It must not contain corrosive inorganic acids such as: hydrochloric acid, sulphuric acid, nitric acid, hydrofluoric acid. The product must be soluble as needed, it must contain biodegradable surfactants and it must be accompanied by a 16 sections safety data sheet as requested by legislation if force.

Warnings:

- Product for professional use.
- Carefully protect the surfaces to which the product is not intended.
- Equip operators as required by current safety standards.
- Ventilate closed places when using 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.

