

Kimistone C10.10

Strong alkaline cleaner for compact, carbonate stones.



Scheda Tecnica rev.01_05/2025

DESCRIPTION

Kimistone C10.10 is a strong alkaline based cleaner for stones compact carbonate, for the removal of surface coatings of carbonate matrix materials caused by pollution. Solubilises fat and oily substances and is effective even on highly porous surfaces such as stones affected by weathering or erosion problems or travertine not plastered (in such cases neutralize the pH with very Kimistone C957).

ADVANTAGES

- The product can be used to remove the surface patina caused by pollution on carbonate-matrix materials.
- The product solubilises grease and is also effective on cellular, vuggy stones such as "unfilled" travertine.

USES

Suitable for cleaning compact, carbonate materials, travertine, Istria marble, Trani marble, Pietra di Finale (marble), and Pietra Paesina (Rouin marble).

Do not use on silicate or lead-polished stone.

Do not use on aluminium or painted surfaces.

Depending on level of contamination the product can be used "as-is" or diluted with water with a maximum dilution ratio of 1 part of product and 4 parts of water.

WORKS

Cleaning of stone surfaces affected by smog, black stains, guano, hard water stains and atmospheric deposits (SA37)

APPLICATION

	Roll or brush application		Leave for 10-30 minutes on the surface
---	---------------------------	---	--

Mix up the solution in accordance with the level of contamination and the type of support to be treated

Dilution ratio

- Slightly dirty: 1 part product and 4 parts water (20% solution);
- Medium level of contamination: 1 part product and 3 part water (25% solution);
- Extremely dirty: 1 part product and 1 part water (50% solution).

Apply it to dry surfaces with a synthetic fibre brush until the surface is fully saturated and scrub vigorously with a broomcorn or nylon brush until a foam forms.

Leave for 10 to 30 minutes the product on the surface to be treated depending on the level of contamination. Rinse with a pressure washer until all residues have been removed. When working with cellular, vuggy stones such as "unfilled" travertine, rinse very carefully. In such cases, the pH should be neutralized with the application of a solution made out of 1 part Kimistone C957 and 10 parts of clean water. This solution should be applied to the stone using a low pressure sprayer then left for 10 to 15 minutes before rinsing with clean water.

A preliminary test on site before the real application is mandatory.

CONSUMPTION

To be defined through a preliminary test (approximately 0,1 - 0,3 l/m²).

PACKAGING

- Tank 5 lt
- Tank 25 lt

STORAGE

Protect from frost. Store the product in a dry, sheltered place at temperatures of +5 °C and above. In these conditions and in sealed containers, the product remains stable without an expiration date.

CHARACTERISTICS	VALUE
Physical state	Liquid
Solvent	Water
Viscosity	1 - 20 mPa·s
Density	1,19 g/cm ³
Ph	13,5
Suitable range of temperature of application	+5 / +30 °C

WARNING

Product for professional use

Protect the substrates which are not involved in the work. Make sure there is no obstacle in the working area.

Do not apply when it is about to rain, or to surfaces on which mist or condensation has settled. Do not apply to walls exposed to sunlight or at temperatures above 30 °C or below +5 °C.

Operators should be equipped with gloves, masks, safety glasses and any other protection measures prescribed in safety regulations. During use, do not smoke and keep the product away from heat sources or electrical devices that may cause sparks. In case of eye contact, flush eyes with water and contact a doctor. If swallowed, do not induce vomiting and seek medical help.

Do not use on aluminium and painted surfaces.

Clean equipment with water after use before drying.

For further information and advice on safe handling, storage and disposal of chemical products, the user must refer to the most recent Safety Data Sheet, containing physical, ecological, toxicological and other data related to safety.

All technical data shown in this Technical Data Sheet are based on laboratory tests. Actual measurement data may vary due to circumstances beyond our control.

The information and requirements indicated in this Technical Data Sheet are based on our current knowledge and experience and are to be considered, in any case, purely indicative. They cannot guarantee the final result of the applied product and they have to be confirmed by exhaustive practical applications; therefore the user must test the suitability of the product for the intended application and its purpose. Users must always refer to the latest version of the local technical data sheet related to the product.

TECHNICAL SPECIFICATIONS

SK37 - Cleaning of stone surfaces affected by smog, black stains, guano, hard water stains and atmospheric deposits

Cleaning of stone materials affected by smog, black stains, guano, hard water stains and atmospheric deposits with Kimistone C10.10 by Kimia S.p.A. or similar product.

The strong alkaline cleaner, specific for compact, carbonate, artificial or natural stones, capable to clean smog, black stains, guano, hard water stains and atmospheric deposits, will be prepared and applied scrupulously following the indications given on the technical sheets provided by the Producer. It must have the following characteristics:

- Solvent: Water;
- Viscosity: 1 - 20 mPa · s;
- Density: 1,19 g / cm³;
- pH: 13,5.