

Kimistone IBASIL

Water-based, water-repellent polysiloxane product. It is highly breathable, neutral and reversible.



Scheda Tecnica rev.01_05/2025

DESCRIPTION

Water-based, water-repellent polysiloxane protective agent with biocide based on quaternary ammonium salts. Kimistone IBASIL protects materials from freezing, salt water, condensation moisture. It protects the surfaces by reducing the capture efficiency of atmospheric particulate on external surfaces. It does not affect the appearance of the substrate, it does not reduce the permeability of the materials on which it is applied, it is totally reversible, ecological and solvent-free.

ADVANTAGES

- Reduces the capture efficiency of atmospheric particulate on external surfaces; it does not affect the appearance of the substrate; it does not reduce the permeability of materials.
- Solvent-free ecological product; removable with just water applied with pressure washer

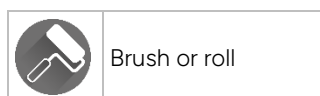
USES

Kimistone IBASIL is suitable for hydrophobization of natural stone, marble, soft limestone granites, compact limestone, sandstone, Lecce stone, carparo and concrete. Do not apply on painted plasters and on non-absorbent substrates. Exceeding material on the surface must be removed when the product is still fresh, in order to avoid the formation of shinier areas where we encounter lower porosity.

WORKS

Protection of stone materials (SA10)

APPLICATION



The product is ready to use and should be applied to dry and clean surfaces using a low pressure spray method or a natural fiber brush. The substrate must be compact, free of dust, grease and efflorescence. Before application, eliminate and/or restore detached or flaking areas. In case of efflorescence, clean in advance with a special Kimistone cleaner. If the product is used for hydrophobization of walls restored with break filling or new construction, wait for the complete drying of the mortar before applying the product.

The number of coats depends on the absorbency of the substrate: we always recommend at least two coats to apply wet on wet. Avoid the stagnations of product and treat surfaces in case of high temperatures, strong radiation of surfaces, frost or strong wind. Consider that cracks or macroporosities above one millimeter creates areas in which the water repellency provided by the product is reduced. In this case perform a preliminary grouting. Avoid applications of Kimistone IBASIL in case of imminent rain.

Always carry out a preliminary test on site.

CONSUMPTION

0,1 - 0,4 l/m² depending on the substrate porosity

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 unopened containers, the product remains stable for 24 months.

CHARACTERISTICS	VALUE
Physical state	Liquid
Solvent	Water
Viscosity	1 - 20 mpa·s
Density	0,98 g/cm ³
Ph	6,3
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.

Do not apply on painted plasters or non-absorbent plasters.

Before the application, eliminate and/or restore the detached or flaking areas and fill openings and cracks above 1 mm.

If there are excesses of material on the surface in some areas (with still fresh product) remove it immediately, in order to avoid the formation of shinier areas in the points with lower porosity.

In case of contact with eyes, rinse thoroughly with water and contact a doctor.

Clean equipment with water after use before hardening starts.

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

SK10 – Protection of stone materials

Protection with water-based protective treatment Kimistone IBASIL by Kimia S.p.A. or similar product.

The water-repellent polysiloxane water-based protective product with a biocide based on quaternary ammonium salts, highly transpiring, neutral and reversible, will be prepared and applied scrupulously following the indications given on the technical sheets provided by the Manufacturer and must have the following characteristics:

- Solvent: water;
- Viscosity: 1 - 20 mPa·s;
- Density: 0,98 g/cm³;
- pH: 6,3;
- Application temperature range: +5 /+30 °C.