



## Kimistone K10 H2O

ST1-0324

*Water-based protective, consolidant product.*

### DESCRIPTION

**Kimistone K10 H2O** is a water-based protective, consolidant product.

**Kimistone K10 H2O** penetrates deeply into the substrate, guaranteeing an excellent degree of consolidation.

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

- Strong water-repellent effect to protect the substrates, deep penetration;
- no chromatic modifications of the original surface, no film-forming;
- very low reduction in vapor permeability.

### USES

Suitable for medium intensity consolidation and to protect the surface of stone materials, such as: natural stone, sandstone, clay brick, brick, soft or compact limestone, marble. 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.

It is suitable for both applications on vertical and horizontal surfaces (walls, floors, vaults).

### WORKS

- Consolidation of stone materials
- Protection of stone materials

### APPLICATION



Brush or roll

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.

When treating walls of new construction, or walls that have been restored using the break-fill technique, wait for the rendering mortar to dry fully before applying the product.

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 K10 H2O** in case of imminent rain.

Always carry out a preliminary test on site.

### CONSUMPTION

0,1 - 0,4 l/m<sup>2</sup> 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 <sup>3</sup>
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.