



## Kimistone K10

ST6-0221

*Consolidant and protective product made out of acryl-siloxane copolymers in solvent-based solution*

### DESCRIPTION

Protective, consolidant product based on acryl-siloxane copolymers.

The product protects materials by limiting water absorption, and also improves surface cohesion of the stone thanks to the additional consolidation effect. This makes the stone materials more resistant to frost, to exposure in coastal/sea areas, and to all deterioration processes in which water is the main catalyst. The special formulation also provides a small degree of consolidation which can counter any surface dusting.

### ADVANTAGES

- Strong water-repellent effect to protect the substrates, deep penetration thanks to the type of solvent with very low toxicity;
- 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 both silicate and carbonate matrix stone materials, such as: sandstone, clay brick, brick, soft or compact limestone, marble, plaster, terracotta..

### WORKS

- Consolidation of stone materials (**SA7**)
- Protection of stone materials (**SA10**)

### APPLICATION



Roll or brush

**Kimistone K10** is ready-to-use and should be applied to clean, dry surfaces with a low-pressure spray gun, brush or by immersion, making sure there is no excessive build up of the product. Efflorescences should be removed with the appropriate Kimistone cleaner prior to application. 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. Apply the product until the surface is fully saturated. The double protective/consolidant action is exerted gradually over the next 7 days at a temperature of +20 °C. Always carry out a preliminary test on site before the real application.

### CONSUMPTION

0,2 - 0,8 lt/m<sup>2</sup> depending on the porosity of the substrate.

### 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	Ethyl alcohol
Viscosity	1 - 20 mPa·s
Density	0,81 g/cm <sup>3</sup>

Pot-life at +20°C	24 h
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.

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 more shiny 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.

Equipment must be cleaned with Solvente EPOX after use.

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

**SK7** – Consolidation of stone materials

**SK10** – Protection of stone materials

(**SK7**) Consolidation of stone materials with protective, consolidant product Kimistone K10 by Kimia S.p.A. or similar product.

(**SK10**) Protection of stone materials with protective, consolidant product Kimistone K10 by Kimia S.p.A. or similar product.

The protective, consolidant product based on acryl-siloxane copolymers, in alcohol-based solvent with high breathability, neutral, reversible and resistant against to atmospheric agents, it 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: Ethyl alcohol
- Viscosity: 1 - 20 mPa·s
- Density : 0,81 g/cm<sup>3</sup>
- Pot-life at + 20°C: 24 h