



Kimistone K10

ST5-0319

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

- **Performing:** 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, very low reduction in vapor permeability; no film-forming.

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/m² depending on the porosity of the substrate.

PACKAGING

- Tank 5 lt – box 4 x 5 lt
Pallet 96x5 lt (24 boxes) – 480 lt.
- Tank 25 lt.
Pallet 24x25 lt – 600 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 ³
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.

The technical specifications and application methods recommended herein are based on our current knowledge and experience and do not represent any form of guarantee of the final results obtainable with the product.

It is the customer's responsibility to check that this data sheet is still effective and has not been replaced with a more recent version, and that the product is suitable for the intended use.

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/cm³
- Pot-life at + 20°C: 24 h