

Kimistone IDROREP

ST5-0319

High-penetration water repellent siloxane protector, highly breathable, neutral and reversible.



DESCRIPTION

Protective, hydrophobic coating in an alcohol solution, **Kimistone IDROREP** reduces the absorption of water, the exposure in coastal/sea areas, and all deterioration processes in which water is the main catalyst. The product also prevents biodeteriorating agents such as moss and lichen from developing root; it is an extremely effective means of protection against acid rain and other pollutants, and stops porous materials from trapping dirt thereby keeping the surface clean. The product is breathable and reversible, it will not alter the appearance of the substrate, and it is not film-forming.

ADVANTAGES

- **Performing:** using low-toxic solvent; high water-repellent effect; high penetration capacity; does not form superficial films; no colour shifts after application; low reduction of vapor permeability.

USES

Suitable for the waterproofing of delicate stone materials such as: natural stone, marble, granite, soft and compact limestone, sandstone, Lecce stone and Carparo stone. It is also suitable for the waterproofing of natural and artificial silicate materials such as: brick, concrete, plaster, roof tiles, terracotta and clay brick.

WORKS

- Protection of stone materials ([SA10](#))

APPLICATION



Roll or brush application

The product is ready-to-use and should be applied to clean, dry surfaces using a low pressure spray gun or natural fibre brush. Two coats should be applied to saturation point and in accordance with the porosity of the substrate. Treat the substrate prior to application in order to eliminate

and/or restore any separating or flaking parts. Efflorescences should be removed with the appropriate Kimistone cleaner prior to application. When the product is used to make the surfaces of walls of new construction or walls that have been restored using the break-fill technique impervious to water, wait for the rendering mortar to fully dry before applying the product.

Do not allow the product to build up and/or run, and protect all surfaces not to be treated.

Do not apply **Kimistone IDROREP** during mist, in the presence of condensation or when it is about to rain. Always carry out a patch test before beginning.

Kimistone IDROREP is not chemically reactive with rocks of igneous, sedimentary, or metamorphic origin, bricks, or cement. It is compatible with stone material and artifacts.

CONSUMPTION

0,1 - 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 12 months.

Characteristics	Value
Physical state	Liquid
Solvent	Ethyl alcohol
Viscosity	1 - 20 mPa·s
Density	0,80 g/cm ³
Pot-life at + 20°C	24 hours
Application temperature	+5 / +30 °C

WARNING

Product for professional use.

Protect the substrates that the product is not intended for.

Please remove any objects from the work area.

Do not apply when it is about to rain, or to surfaces on which mist or condensation has settled.

Do not apply at temperatures under +5 °C or above +30°C.

Do not apply to walls exposed to sunlight.

Do not apply to painted plasterwork and to non-absorbent substrates.

Depending on the substrate before applying the product, remove and/or restore all areas that are separating or flaking and fill any openings or cracks that are wider/deeper than 1 mm.

Any excess product should be removed immediately (before it dries) to prevent surface sheen in less porous areas.

Operators should be equipped with gloves, masks, safety glasses and any other items of protection prescribed in safety regulations for the use of solvents.

Do not smoke during use. In case of eye contact, flush eyes with plenty of water and consult a doctor. 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

SK10 – Protection of stone materials

Protection with: Protective, hydrophobic coating in an alcohol solution Kimistone IDROREP with biocide function by Kimia S.p.A. or similar product.

The water-repellent, one-component, siloxane-based protective 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 : 0,80 g/cm³
- Pot-life at + 20°C: 24 h