

Kerakover Eco Silicato di Etile

Eco-friendly, high diffusion power consolidant based on ethyl esters from silicic acid.

Kerakover Eco Silicato di Etile (ethyl silicate) in a solvent solution that consolidates natural and artificial stone materials without altering their breathability. Internal, external.



Rating 1

1. Excellent consolidating power
2. Deep penetration
3. Easy to apply with a brush, roller or spray

- × VOC Low Emission
- × Water Based
- × Solvent ≤ 15 g/kg
- ✓ Low Ecological Impact
- × Health Care

Areas of application

→ Use

- Consolidation of vertical surfaces made of:
- modern and historical plasters/renders
 - absorbent stones, exposed brickwork

For internal and external use.

Do not use on gypsum walls, horizontal surfaces or in the presence of water under pressure.

Instructions for use

→ Preparation of substrates

The continuity of the substrate must be checked before applying the product (eliminating cracks, joints, and disconnections).

The surfaces to be treated must be free from traces of solvents, detergents, organic deposits or saline efflorescence.

In the presence of mould, first treat with Kerakover Activ product. Cleaning must be done with water depending on the consistency of the substrate.

After cleaning the surface, it is important to wait until it is completely dry before applying Kerakover Eco Silicato di Etile.

Protect all surfaces that could be damaged. For the treatment of substrates other than those mentioned and for additional information on the types of intervention to be carried out, we recommend to consult Kerakoll's Guide to decorating and preparing substrates.

→ Preparation

Kerakover Eco Silicato di Etile is ready-to-use and must not be diluted with either solvents or water.

→ Application

Apply only to absorbent substrates that are not exposed to direct sunlight, frost or wind. Kerakover Eco Silicato di Etile can be applied with a brush or low pressure spray at a distance of approx. 15 cm from the surface. For vertical surfaces, work from the bottom upwards, wet-on-wet, until saturation point. Protect impregnated surfaces from rain for at least 3 to 4 days. To ensure the long-life of the surface and to prevent fractures, it is recommended that the product penetrate as deeply as possible.

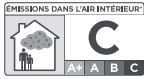
→ Cleaning

Residual traces of Kerakover Eco Silicato di Etile can be removed from tools using Keradecor Eco Solmix immediately after use.

Special notes

- For internal work, adequately ventilate the area.
- Do not smoke, do not eat during use.

Certificates and marks



* Émission dans l'air intérieur Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

Abstract

Consolidant of vertical surfaces such as historical and modern plasters/renders, stone materials, exposed brickwork, applied using a brush or low-pressure spray of a non-film-forming impregnating agent based on ethyl esters from silicic acid in solvent solution with high diffusion power, such as Kerakover Eco Silicato di Etile by Kerakoll Spa, GreenBuilding Rating 1.

Technical Data compliant with Kerakoll Quality Standard

Appearance	Transparent liquid
Pack	15 – 5 l drums
Volumetric mass	≈ 0.8 kg/l
Chemical nature	ethyl silicate
Shelf life	≈ 24 months from production in the original sealed packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Temperature range for application	from +5 °C to +30 °C
Humidity of the substrate	≤ 6%
Coverage per single coat	≈ 0.2 – 0.4 l/m ²

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.
* Substrates suitably treated with Keragrip Eco.

Performance

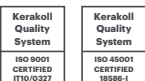
HIGH-TECH

Vapour transpiration μ	Does not alter the μ of treated substrate
Wettability	High penetration of absorbent substrates
Penetration	
- 0.4 l/m ² on clay bricks	≈ 4 mm
- 0.2 l/m ² on absorbent stone	≈ 2 mm

Values taken at +20 °C, 65% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

Warning

- Product for professional use
- abide by any standards and national regulations
- use at temperatures between +5 °C and +30 °C
- use polyethylene sheets to protect parts not to be treated with the product (especially glass, aluminium etc.)
- protect the product from frost: store at a temperature above +5 °C
- do not lay on gypsum or on surfaces subject to pressure
- do not apply on dirty or loose surfaces
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - globalservice@kerakoll.com



The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in December 2022 (ref. GBR Data Report – 12.22); please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see www.kerakoll.com. KERAKOLL SpA shall therefore be liable for the validity, accuracy and updating of information provided only when taken directly from its institutional website. The technical data sheet given here is based on our technical and practical knowledge. As it is not possible for us to directly check the conditions in your building site and the execution of the work, this information represents general indications that do not bind Kerakoll in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.