

Kerakover Eco Silox Fondo

Eco-friendly, organic, mineral intermediate coat based on water-based siloxane resins, to prepare substrates for the paint cycle, ideal for use in Green Building. Safeguards the health of both operators and the environment.

Kerakover Eco Silox Fondo is a highly breathable, high-filling product specifically for filling stabilized crazing and to correct substrate imperfections, guaranteeing a fine, superior quality finish. Internal, external.



GREENBUILDING RATING®

rating2

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

- Regional Mineral > 2%
- Low Emission IAQ VOCs Under Air Quality
- SLV REDUCED Solvent < 5 g/lb
- Low Ecological Impact
- Health Care
- No environmental hazard rating
- Non-toxic and non-hazardous

PRODUCT STRENGTHS

- Intermediate layer between primer and paint covering
- Excellent coverage of crazing
- Easy to apply with a brush or roller

AREAS OF USE

Use
Intermediate base coat used as pre-treatment for:

- cement-lime mortar plasters
- cement-based plasters/renders
- common and hydraulic lime-based plasters
- gypsum-based plasters
- plasterboard
- prefabricated elements with cement conglomerates
- cementitious and gypsum-based finishing products
- common and hydraulic lime-based finishing layers
- wood panels such as plywood
- KlimaExpert insulation panelling systems
- dehumidifying plasters

For internal and external use.

Do not use
For the containment or continuous contact with water. On walls subject to capillary moisture rising without prior application of dehumidifying plasters/renders.

INSTRUCTIONS FOR USE

The instructions for use for applications in heat-insulating systems refer, where required, to the Italian Technical Report UNI / TR 11715 "Heat-insulating products for buildings - Design and installation of external heat-insulating systems (ETICS)".

Preparation of substrates
Clean the substrates carefully using suitable equipment to remove all traces of dirt, dust or efflorescences. In the presence of mould or biodeteriorating agents, repair first with Kerakover Activ.
Approximately 12 hours before the decorative cycle, apply, if necessary, the Kerakover Eco Silox Primer water-based primer on the surface to consolidate, even out absorption, and improve the adherence of the next decorative cycle.
Plasters must be perfectly cured. Plaster patch layers must be left to cure completely.
Remove all sections of partially deteriorated synthetic or mineral-based paint coatings and coverings that are fragmenting or separating from the substrate.
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.

* 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).

INSTRUCTIONS FOR USE

Preparation

Always remix Kerakover Eco Silox Fondo before applying. The product must be diluted up to 20% by volume with clean water, according to the type of support and tools being used. If the product is used as a filler for static microcracks, dilute it by up to a maximum of 5% by volume, making sure you use a medium or rough coated roller to apply it. Kerakover Eco Silox Fondo base coat may be coloured by adding up to 20% of Kerakover Eco Silox Pittura to obtain a coloured base before application of Silox fine plasters.

Application

Applications must be done evenly using brushes or rollers, making sure the product is evenly distributed and avoiding drips. Conditions required for application are ambient and substrate temperatures between +5 °C and +30 °C and relative ambient humidity lower than 80%.

A second coat of the product may be applied after 12 hours, or when the film has dried completely.

Cleaning

Kerakover Eco Silox Fondo can be removed from tools and other surfaces by washing them with water before the product hardens.

SPECIAL NOTES

Evaluate seasonal application conditions (different temperature and humidity conditions result in different drying times). Arrange for appropriate protective coverings for scaffolding and always protect surfaces where the product will not be applied. Wait 12 hours before the subsequent paint cycle, and in any event until the product has fully dried.

ABSTRACT

Intermediate base coat for external and internal surfaces, application by brush or roller of a high coverage, highly breathable mineral base using water-based, acrylic-siloxane binder with fillers such as Kerakover Eco Silox Fondo, by Kerakoll Spa, GreenBuilding Rating® 2.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	white
Volumetric mass	≈ 1.45 kg/ℓ
Chemical nature	siliceous polymers
Shelf life	≈ 18 months from production in the original sealed packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Viscosity	≈ 29000 cps Brookfield method
Pack	14 l / 4 l buckets
Temperature range for application	from +5 °C to +30 °C
Humidity of the substrate	≤ 6%
Waiting time between subsequent coats	≥ 12 hrs
Dilution with water	max 20% by volume
Average coverage per single coat	≈ 0.1 – 0.2 ℓ/m ²

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
- check that the substrate is perfectly clean, dry, and absorbent
- if the product has been washed away or removed mechanically, it will have to be replaced by a further application
- 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 November 2020 (ref. GBR Data Report - 1220); 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 yards 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.



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