

Kerakover Eco Meteor S

Eco-friendly, water-repellent, breathable protective impregnating, water-drop effect product, that does not alter the colour of materials treated and is ideal for use in GreenBuilding. Safeguards the health of both operators and the environment.

Kerakover Eco Meteor S is a non film-forming, high-penetration product in a siloxane solvent solution. Specifically intended to protect architectural surfaces and EN 1504-2 compliant concrete.



GREENBUILDING RATING®					
				No environmental hazard rating	Non-toxic and non-hazardous

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

- ### PRODUCT STRENGTHS
- Does not create a film coating
 - Guaranteed protection from rainwater
 - Does not alter the treated surfaces

KERABUILD® REPAIR SYSTEM



KERABUILD® REPAIR SYSTEM comprises a series of repair and consolidation tools, all complying with the Principles set down in EN 1504-9 (*Products and systems for the protection and repair of concrete structures: definitions, requirements, quality control and assessment of conformity. General principles for the use of products and systems*), formulated according to the structural element involved in the operation and the goals to be achieved. Each of the solutions proposed guarantees a Design Working Life (Vn) of 50 years (Class 1) or of 100 years (Class 2), as required by Italian Ministerial Decree 14/01/08 (by European codes when used in Europe).

AREAS OF USE

Use
Waterproofing vertical surfaces made of:

- concrete
- cement-based plasters
- absorbent stones, exposed brickwork
- paints and fine plaster/render made of lime putty, 'sagramatura' applications

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 protected must be solid and stable to prevent fractures in the protective finish and leaving some areas of the substrate unprotected. The surfaces to be treated must be free from traces of solvents, detergents, organic deposits or saline efflorescence. In the presence of mould, first repair with Kerakover Eco Activ product. Cleaning must be done with a high pressure wash depending on the consistency of the substrate. After cleaning the surface, it is important that you wait until it is completely dry before applying Kerakover Eco Meteor S. Protect all surfaces that could be damaged.

Preparation
Kerakover Eco Meteor S is ready-to-use and does not require dilution with either solvents or water.

* 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

Application

Apply only to absorbent substrates that are not exposed to direct sunlight, frost or wind. Kerakover Eco Meteor S 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 Meteor S can be removed from tools using Keradecor Eco Solmix immediately after use.

ABSTRACT

Waterproofing treatment for vertical surfaces, such as concrete, cement-based renders, walls, exposed brickwork and stone, to be applied by brush, or a low-pressure spray of non-film-forming hydrophobic impregnating agents based on oligomeric siloxanes dissolved in organic solvents such as Kerakover Eco Meteor S by Kerakoll Spa. Compliant with the performance requirements of standard EN 1504-2, hydrophobic impregnating agents (H), GreenBuilding Rating® Eco 2.

SPECIAL NOTES

Waterproof protection with Kerakover Eco Meteor S is not suitable for the waterproofing of terraces, basements, exterior foundation walls, water containers.

Check the producer's technical data sheets for possible incompatibility with some masonry elements.

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

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	Transparent liquid
Volumetric mass	≈ 0,81 kg/l
Chemical nature	oligomeric siloxanes and silanes
Pack	15-5 l drums/ 1 l bottles
Shelf life	≈ 24 months in the original 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%
Average coverage per single coat	≈ 0,2 – 0,4 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.

PERFORMANCE

HIGH-TECH

Vapour transpiration μ	Does not alter the μ of treated substrate
Chemical resistance	High resistance to alkalis
Contact corner	≥ 95 °
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 Eco and Bio classifications refer to the GreenBuilding Rating® Manual 2013. This information was last updated in November 2013 (ref. GBR Data Report - 12.13); 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.



KERAKOLL
The GreenBuilding Company

KERAKOLL S.p.a.
Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italy
Tel +39 0536 816 511 - Fax +39 0536 816 581
info@kerakoll.com - www.kerakoll.com