


Kerakover Acrilsilossanico

Water-repellent, strengthening, high diffusion power protective product.

Kerakover Acrilsilossanico is based on resins in a solvent solution and acts on natural and artificial stone materials without altering their breathability. Specifically intended for EN 1504-2 compliant concrete.



GREENBUILDING RATING®




Product with none of the requisites of the GreenBuilding Rating® and must be used with care. Kerakoll undertakes to improve the ratings of Ecozero materials and products

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- Water-repellent and strengthening
- Deep penetration
- Easy to apply with a brush, roller and spray
- Internal, external

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 or of 100 years, as foreseen by European codes when used in Europe.

AREAS OF USE

Use
Protective and consolidant impregnating agent for porous substrates and poorly compact vertical structures such as:

- exposed concrete elements
- cement-based plasters
- 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 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 salt 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 to wait until it is completely dry before applying Kerakover Acrilsilossanico. Protect all surfaces that could be damaged.

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

00546Kerakover Acrilsilossanico Code: K748 2014/11 EN

INSTRUCTIONS FOR USE

Application

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

ABSTRACT

Waterproofing treatment and consolidation of vertical surfaces, such as concrete, cement based plasters/renders, walls, exposed brickwork and stone materials, applied using a brush or low-pressure spray of a non-film-forming impregnating agent based on siloxane resins dissolved in organic solvents such as Kerakover Acrilsilossanico by Kerakoll Spa. Compliant with the performance requirements of Standard EN 1504-2, impregnating agents (I).

SPECIAL NOTES

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

Check possible incompatibilities with some masonry elements in the producer's technical data sheet.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	Transparent liquid
Chemical nature	acrylic-siloxane
Pack	15 – 5 l drums
Shelf life	≈ 24 months in the original packaging
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat
Volumetric mass	≈ 0,95 kg/l
Temperature range for application	from +5 °C to +30 °C
Humidity of the substrate	≤ 6%
Wettability	High penetration of absorbent substrates
Coverage per single coat	≈ 0,3 – 0,5 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 substrate treated
Chemical resistance	High resistance to alkalis
Contact corner	≥ 95°
Penetration	
- on masonry (0.5 l/m ²)	≈ 4 mm
- on absorbent stone (0.3 l/m ²)	≈ 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 +35 °C
- cover any surfaces not to be treated
- do not apply on gypsum
- do not apply to wet surfaces or in the presence of moisture rising
- do not apply to horizontal surfaces subject to foot traffic
- protect the surfaces from sun, rain, frost and draughts
- avoid direct exposure to sunlight and sources of heat, protect from frost: store at a temperature above +5 °C
- 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