

Keragel Eco

Eco-friendly, solvent-based gel to remove organic residues before laying new coverings, ideal for use in GreenBuilding. Single-component, safeguards the health of the environment.

Keragel Eco develops a localized reaction to remove varnishes, wall paints, bituminous, reactive and dispersed adhesives, thereby restoring substrates to their original conditions before subsequent laying.



GREENBUILDING RATING®

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- Ideal in renovation work
- Suitable for floors and walls
- Rapid removal times

AREAS OF USE

Use
Removal of reactive two-component, bituminous adhesives, dispersed or in solution. It strips synthetic paints, cold glaze decorations and wall paints.

Removable products:

- Organic mineral adhesives
- organic and mineral grouts and sealants
- organic glazes and paints
- epoxy and polyurethane two-component adhesives
- two-component epoxy grouts
- polyurethane sealants
- resin-based adhesives dispersed in water or in solvent solutions
- bituminous adhesives
- synthetic paints, wall paints, cold glaze decorations

For internal and external application on absorbent and non-absorbent substrates.

Do not use
To remove cement or lime residues, to clean oily surfaces soiled with grease or petroleum derivatives, solvent-susceptible materials, rubber, PVC and painted wood.

INSTRUCTIONS FOR USE

Preparation of substrates
Substrates must be free from dust and loose or flaky debris. Use a mechanical tool to strip off flaky parts of paints, varnishes and adhesives. Use specific acid or basic thinners to remove any cement or grease residues that are irremovable with Keragel Eco.

Preparation
Keragel Eco is ready for use and must not be diluted with water, other liquids or solvents. Before use, remix Keragel Eco in its container using a metal spreader to homogenise the product and redistribute any solvent that may have deposited on the surface. Protect all surfaces not resistant to solvents, wear rubber gloves, a mask to protect the respiratory system and professional safety glasses. Ventilate all environments during and after use and refrain from smoking.

00038Keragel Eco Code: F103 2014/02 EN

INSTRUCTIONS FOR USE

Application

Apply Keragel Eco evenly with a metal spreader, ensuring all materials to be removed have been fully covered. For internal application, we advise against using large amounts of gel to avoid excessive build-ups of solvent in the air. Hence, the product should be applied at intervals. The time required before residues can be removed with mechanical tools will vary significantly depending on the characteristics of the materials involved. Detach sample sections every $\approx 10/15$ minutes. In the case of highly resistant adhesives, repeat the application on more stubborn sections. When all residues have been removed, wash the substrate with hot water and caustic soda then rinse thoroughly.

Cleaning

Residual traces of Keragel Eco can be removed from tools using water before the product hardens.

SPECIAL NOTES

Do not apply Keragel Eco directly on absorbent substrates such as plasters and cement or gypsum-based screeds as well as parquet or chipboard. For these substrates, the section the gel is applied to must be removed. Keragel Eco contains substances that will impede the adhesion of all other types of adhesive.

ABSTRACT

Residues of organic or bituminous adhesives, paints, varnishes and cold glaze decorations can be removed with eco-friendly, single-component solvent gel, GreenBuilding Rating® Eco 1, such as Keragel Eco by Kerakoll SpA. Apply evenly to the surface to be treated, remove with mechanical means and rinse thoroughly, for an average coverage of $\approx 0.2 - 0.3$ kg/m².

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	Gelatinous paste
Specific weight	$\approx 1,19$ kg/dm ³
Shelf life	≈ 12 months in the original packaging
Warning	Avoid direct exposure to sunlight and sources of heat Store at temperatures $< +30$ °C
Pack	5 kg buckets
Viscosity	$\approx 40,000 - 50,000$ mPa · s
Temperature range for application	from $+5$ °C to $+35$ °C
Reaction:	
- on water- or solvent-based adhesives	$\approx 15 - 30$ min. (depending on thickness of adhesive)
- on two-component, reactive adhesives	$\approx 30 - 90$ min. (depending on thickness of adhesive)
Coverage	$\approx 0,2 - 0,3$ kg/m ²

Values taken at $+23$ °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e. temperature, ventilation and absorbency level of the substrate.

WARNING

- **Product for professional use**
- abide by any standards and national regulations
- open the containers with care
- Keragel Eco is highly flammable, store away from sources of heat, naked flames and sparks and do not smoke
- remove all traces of the product before applying new adhesive layers
- do not use to remove cement, lime, oil or grease deposits
- do not transfer Keragel Eco into unidentified containers
- do not use on materials that are not resistant to the solvents contained
- 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 January 2014 (ref. GBR Data Report -02.14); 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
Quality
System

ISO 9001
CERTIFIED

KERAKOLL
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