

Keraplast Eco 337



Eco-friendly, water-based latex for normal- and fast-setting mineral levelling and finishing products. Consolidant primer for absorbent, mineral- and cement-based wall substrates, diluted using water, before applying KDH three-layer and two-layer continuous surfaces. Ideal for use in GreenBuilding. Solvent-free and with very low volatile organic compound emissions. Safeguards the health of both operators and the environment.

Keraplast Eco 337 increases the adhesion and flexibility of mineral levelling and finishing products ensuring high levels of dimensional stability, performances and final mechanical resistances.



GREENBUILDING RATING®

Very low VOC emissions
 Water-based formulation
 Solvent-free
 No environmental hazard rating
 Non-toxic and non-hazardous

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- Recommended for the making of slurry keys
- Increases adhesion and compactness of mineral levelling and finishing products
- It primes and provides in-depth consolidation
- Increases performance levels and mechanical resistance of the substrates

AREAS OF USE

Use
 Additive for levelling and cement-based finishing products, and in the preparation of slurry keys. Additive products: mortars and mineral finishing products, levelling and mineral finishing products. Consolidant primer for mineral coatings.

For internal and external use.

Do not use
 To prepare substrates before bonding directly to them; on gypsum or anhydrite surfaces, marble, ceramic tile, metal or wood floors, and on magnesite substrates.
 As a primer before using two-component reactive products.

INSTRUCTIONS FOR USE

Preparation of substrates
 The substrate must be compact, permanently dry, free from dust, parting compounds, oil and grease, with no loose, flaky or imperfectly anchored parts such as residual traces of cement and adhesive, which must be totally removed. The substrate must be stable, without cracks, having already completed the curing period of hygrometric shrinkage and been appropriately prepared.
 Preparation of wall substrates: sand the surface until all flaky parts have been removed. Vacuum thoroughly and clean the surface.

Preparation
 Mix Keraplast Eco 337 and water in advance to the desired ratio and then add the cement to the mixture or use it to mix levelling or finishing products. Mix carefully to prevent the formation of lumps.

Additive for levelling and finishing products: add ≈ 1 – 1.5 kg of Keraplast Eco 337 for every 25 kg of pre-mixed product, adding the amount of water needed to obtain the correct consistency, mixing carefully to prevent lumps from forming.

Preparation of slurry keys for anchored screeds: mix 1 part Keraplast Eco 337 – 1 part water – 1 part cement until an even mixture forms.

Primer/consolidant on mineral and cement coatings: dilute Keraplast Eco 337 1:4 using clean water. If a second coat is needed, dilute Keraplast Eco 337 1:2 using clean water.

Application
Additive for levelling and finishing products: apply the product with additives as specified in the user instructions and guidelines in the product technical data sheet.
Slurry keys for anchored screeds: apply the slurry key to the substrate and immediately afterwards lay the screed wet on wet.
Primer/consolidant on mineral and cement coatings: dilute the product 1:4 using water and apply with a brush spreading the product on the surface without leaving accumulations. If the surface needs in-depth consolidation, apply a second coat of Keraplast Eco 337 after 4 to 6 hours, diluted with 1:2 with 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

Cleaning

Residual traces of Keraplast Eco 337 can be removed with water before the product hardens.

SPECIAL NOTES

Do not over dilute.

In addition to the above information, installation instructions provided by the manufacturer of the floorcoverings used must also be followed, along with the technical sheets applicable to other products mentioned.

ABSTRACT

Anchoring slurry key: before patching concrete with mortar lay a slurry key made up of cement, water and eco-friendly, water-based latex that is resistant to alkaline saponification, GreenBuilding Rating® 5, such as Keraplast Eco 337 by Kerakoll Spa, in a ratio of 100% by weight of the cement. Add the patch layer to the freshly applied slurry.

Additive for levelling and finishing products: normal- and fast-setting mineral levelling and finishing products must be mixed with eco-friendly, water-based latex that is resistant to alkaline saponification, GreenBuilding Rating® 5, such as Keraplast Eco 337 by Kerakoll Spa, in a ratio of 20% by weight of the cement to make the mortar compact, adhesive and flexible.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	white liquid
Specific weight	≈ 1.1 kg/dm ³
Shelf life	≈ 12 months in the original packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Pack	cans 10 kg
Viscosity	≈ 4700 mPa · s, rotore 3 RPM 20 Brookfield method
Recommended ratios:	
- additive	≈ 1 – 1.5 kg for every 25 kg of pre-mixed product
- slurry key	≈ 1 part Keraplast Eco 337 : 1 part water : 1 part cement
Temperature range for application	from +5 °C to +30 °C
Coverage as primer (dilution 1:4 with water):	
- primer/surface consolidant	≈ 200 g/m ²
- depth consolidant	≈ 400 g/m ²

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

PERFORMANCE

VOC INDOOR AIR QUALITY (IAQ) - VOLATILE ORGANIC COMPOUND EMISSIONS

Conformity	EC 1 plus GEV-Emicode	GEV certified 9784/11.01.02
------------	-----------------------	-----------------------------

WARNING

- Product for professional use

- abide by any standards and national regulations
- use at temperatures between +5 °C and +30 °C
- protect the applied product from sun and direct rainfall until it has dried completely
- it is advisable to keep the applied product wet for several days after carrying out the work, especially in summer
- protect the product from frost, store at a temperature above +5 °C
- if necessary, ask for the safety data sheet
- for unstable wooden types, particular substrates and other conditions, please contact the Kerakoll Worldwide Global Service +39 0536 811 516

The Rating classifications refer to the GreenBuilding Rating® Manual 2013. This information was last updated in November 2019 (ref. GBR Data Report - 12.19); 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