

# Keragrip Eco

Certified, eco-friendly, water-based adhesion promoter for compact, absorbent and non-absorbent substrates.

Keragrip Eco develops extended overlay times, making it safe and easy to apply high-adhesion mineral levelling and self-levelling products, even when overlaying.



## Rating 5

1. Easy to use for fast, safe, applications even with a roller
  2. Ready-to-use
  3. Suitable even at low temperatures
  4. Approved for marine use
  5. Ideal in renovation work
  6. Easy-to-identify red liquid
  7. Suitable for substrates treated with resins
- ✓ VOC Low Emission
  - ✓ Water Based
  - ✓ Solvent  $\leq 15$  g/kg
  - ✓ Low Ecological Impact
  - ✓ Health Care

## Areas of application

### → Intended use:

Indoor preparation of non-absorbent, smooth and compact substrates, and timber substrates, prior to the application of finishing products, levelling and self-levelling products and mineral and cement-based adhesives for tiles, in order to improve their adhesion to the substrate. Outdoor preparation of non-absorbent, smooth and compact substrates, prior to the application of waterproofing products from the Bioscud range. Products suitable for overlaying:

- fluid, mineral mortars and fluid mortars
- mineral adhesives and cement-based adhesives
- mineral finishing, levelling and self-levelling products with normal, rapid and extra-rapid setting
- rainproof waterproofing products from the Bioscud range

### Substrates:

flooring in ceramic, marble-floor tiles and natural stone

- flooring in concrete smoothed with circular grinding machinery
- compact and smooth cement-based screeds

- prefabricated concrete and fresh concrete castings
- wooden panellings
- hardwood floors
- substrates in metal on rigid supporting surfaces
- flooring with residual traces of resin-base adhesives
- flooring in epoxy resin
- varnishes
- rigid PVC coatings

### → Field of application Directive CE MED

Adhesion promoter primer for cementitious substrates.

Mass per area  $140 \pm 5\%$  (g/m<sup>2</sup>).

As primary decks coverings. The product may be applied to any metallic support having a thickness  $\geq 2.25$  mm.

Do not use on highly flexible substrates or substrates which may present a risk of strong dimensional movement; on substrates which are moistened or subjected to moisture rising, for overlaying of mortars and plasters with semi-dry consistency and high granulometric grading.

## Instructions for use

### → Preparation of substrates

In general, substrates must comply with BS 5385, parts 1-5, must be free of dust, oil and grease, free from any moisture rising, with no loose, flaky or imperfectly anchored parts such as residues of cement, lime, paint coatings and adhesives, which must be completely removed. In particular, surface treatments of certain types of material such as waxes for resilient materials, marble floor tiles, hardwood floors, concrete parting compounds and sheet-metal oils must be completely removed. Varnishes, paints and adhesives must be removed by mechanical means in those cases where they can be removed easily, leaving only the parts which are well anchored to the substrate. The substrate must be stable, non-deformable, without cracks and have already completed the curing period of hygrometric shrinkage. Absorbent substrates must be compact and smooth to allow Keragrip Eco to form a fine film during application. The substrate must be perfectly dry, following the appropriate curing phase, but also free from any traces of humidity which may be present due to accidental subsequent moistening. If in doubt, measure the degree of residual humidity with a calcium carbide hygrometer.

### → Preparation

Non-absorbent substrates and timber substrates: shake the can before use in order to obtain the best possible viscosity during application. Keragrip Eco is immediately ready for use.

### → Application

Non-absorbent substrates and timber substrates: pour Keragrip Eco directly from the can onto the substrate to be covered. Apply a fine, uniform film, preferably using a roller made of fine/medium-grain sponge or short, synthetic fibre and always spread the product in the same direction. Apply a second pass criss-crossing the direction of the first to ensure full coverage of the substrate. Proceed in this manner until the substrate has been covered completely. The distinct colouring of Keragrip Eco allows the user to check whether the application is complete and uniform.

### → Cleaning

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

## Special notes

- Once hardened, Keragrip Eco will withstand light foot traffic. Any slight traces of dirt and dust must be removed, using a dry method. The use of water during this phase might cause a pull-up effect in the resin, which would compromise final adhesive strength.
- If the film of Keragrip Eco is damaged, a further application of the product will have to be carried out.
- The maximum period allowed for overlaying is 24 hours (at +23 °C, 50% R.H.). Once this period has elapsed, a new, complete application of Keragrip Eco will have to be carried out directly over the existing application.
- Direct bonding with cement-based adhesives must be carried out applying a fine levelling layer of adhesive with the smooth part of the spreader, so as to ensure total contact with the adhesion promoter and to protect it against any possible scratching which would be caused by the toothed side of the spreader.

## Certificates and marks



### Technical Data compliant with Kerakoll Quality Standard

Appearance	red liquid	
Specific weight	≈ 1.01 kg/dm <sup>3</sup>	
Shelf life	≈ 12 months from production in the original sealed packaging	
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat	
Pack	5 kg cans	
Viscosity	≈ 1400 mPa · s, rotor 5 RPM 50	Brookfield method
pH	≈ 7.2	
Temperature range for application	from +5 °C to +35 °C	
Waiting time before laying	from 1 to 24 hrs	
Coverage	≈ 0.1 – 0.2 kg/m <sup>2</sup>	

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 absorbcency level of the substrate.

**Performance****VOC Indoor Air Quality (IAQ) - Volatile organic compound emissions**

Conformity

EC 1 plus GEV-Emicode

GEV certified  
1231/11.01.02**HIGH-TECH**Adhesion to concrete after 7 days  $\geq 2.5 \text{ N/mm}^2$ 

## Tensile strength on glazed tiles

- after 24 hrs  $\geq 1.5 \text{ N/mm}^2$ - after 7 days  $\geq 2 \text{ N/mm}^2$ 

## Shear strength on glazed tiles

- after 24 hrs  $\geq 1 \text{ N/mm}^2$ - after 7 days  $\geq 1.5 \text{ N/mm}^2$ 

Values taken at +23 °C, 50% 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
- do not apply on roughened substrates or substrates which require heavy thicknesses of product
- make sure the substrate is perfectly clean, dry and compact
- respect the indicated uses
- check substrate adhesion before overlaying
- do not add binders, inert materials, pigments or additives
- if the product has been washed away or removed mechanically, it will have to be replaced by a further application
- do not use as a promoter for plasters, mortars and screeds with semi-dry consistency or high granulometric grading
- do not apply on substrates which present a high degree of deformability or thermal expansion
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service 01772 456 831 - [info@kerakoll.co.uk](mailto:info@kerakoll.co.uk)



The Rating classifications refer to the GreenBuilding Rating Manual 2012. This information was last updated in December 2022 (ref. GBR Data Report – 12.22); please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see [www.kerakoll.com](http://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 site 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.