

Keragrip Eco

Certified, eco-friendly, water-based adhesion promoter for compact, non-absorbent substrates and timber substrates, ideal for use in GreenBuilding. Single-component, solvent-free and with very low volatile organic compound emissions. Safeguards the health of both operators and the environment.

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



GREENBUILDING RATING®

Keragrip Eco

- Category: Liquid organic products
- Preparation of the substrates



RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- For internal use
- Approved for marine use
- Ready-to-use
- Easy-to-identify red liquid
- Suitable even at low temperatures
- Easy to use for fast, safe, applications even with a roller
- Ideal in renovation work
- Suitable for substrates treated with resins



ECO NOTES

- Water-based, limits the risk of loads that could be harmful and dangerous to the environment during storage and transportation
- Improved on-site safety guaranteed

AREAS OF USE

Use

Preparation of smooth, compact, non-absorbent substrates and timber substrates before application of finishing, levelling or self-levelling products and mineral adhesives and cement-based tile adhesives to improve their power of adhesion.

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

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
- flooring grade bitumen/asphalt
- Class 3 plywood

AREAS OF USE

Field of application Directive CE MED

Adhesion promoter primer for cementitious substrates.

Mass per area $140 \pm 5\%$ (g/m²).

As primary decks coverings. The product may be applied to any metallic support having a thickness ≥ 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

Substrates must comply with BS 5385, parts 1-5, be stable and non-deformable, without cracks and have already completed the curing period for hygrometric shrinkage; must be free from dust, oil and grease, free from any rising damp, with no loose, flaky material

Surface treatments of certain materials such as waxes for resilient materials, marble floor tiles, hardwood floors, concrete parting compounds and sheet-metal oils must be completely removed. Varnishes, wall paints and adhesives that are not perfectly anchored must be removed mechanically.

Absorbent substrates must be compact.

Instruction for use

On non-absorbent substrates and timber substrates: shake the can well before opening. Keragrip Eco is immediately ready for use. Pour Keragrip Eco from the can onto the substrate to be covered. Apply a fine, uniform film, preferably using a sponge or synthetic fibre roller and working in the same direction. Apply a second pass criss-crossing the direction of the first to ensure full coverage of the substrate. The colouring allows the user to check whether the application is complete and uniform. Avoid any build-up of product.

Once hardened, Keragrip Eco will withstand light foot traffic. Any traces of dirt must be removed using a suitable vacuum cleaner.

Tools

Synthetic or sponge rollers or brushes. Wash tools with water before the product hardens.

SPECIAL NOTES

The maximum period allowed for overlaying is 24 hours. 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 by applying a fine levelling layer of adhesive with the smooth part of the notched trowel, so as to ensure total contact with the adhesion promoter.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

| | | |
|-----------------------------------|---|-------------------|
| Appearance | red liquid | |
| Specific weight | ≈ 1.01 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 | 5 kg can / 1 kg bottle | |
| 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 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.

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 | ≥ 2.5 N/mm ² |
|-----------------------------------|-------------------------|

Tensile strength on glazed tiles

| | |
|----------------|-------------------------|
| - after 24 hrs | ≥ 1.5 N/mm ² |
|----------------|-------------------------|

| | |
|----------------|-----------------------|
| - after 7 days | ≥ 2 N/mm ² |
|----------------|-----------------------|

Shear strength on glazed tiles

| | |
|----------------|-----------------------|
| - after 24 hrs | ≥ 1 N/mm ² |
|----------------|-----------------------|

| | |
|----------------|-------------------------|
| - after 7 days | ≥ 1.5 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 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

The Rating classifications refer to the GreenBuilding Rating® Manual 2012. 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.