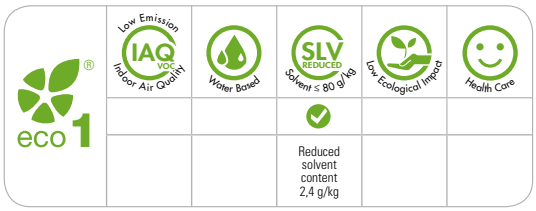
# Kerarep Eco

**Eco-friendly, extra-rapid bonding agent to restore gaps and cracks in mineral and concrete screeds, ideal for use in GreenBuilding. With low solvent content.**

Kerarep Eco develops a high level of adhesion and fluidity thereby guaranteeing the monolithic continuity and total filling even of millimetric gaps and cracks in damaged structures, before laying the covering.

## GREENBUILDING RATING®




RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

## PRODUCT STRENGTHS

- High degree of slide even on dry, absorbent structures
- Suitable to bond metal or as a binder in mortars for small repairs

## AREAS OF USE

**Use**
Ultra rapid sealing of:
- damaged, cement-based screeds
- damaged parts of concrete structures

Anchoring of:
- strips, profile sections and joints

Preparation of:
- high-performance, high adhesion mortars for small repairs to corners, edges and patch layers in screeds and concrete structures (mixed with dry sand)

For internal and external use on cement-based screeds, concrete structures, reinforced concrete and metal.

## INSTRUCTIONS FOR USE

**Preparation of substrates**
Widen the cracks and make cuts across the same crack with a cutting disc every 15 – 30 cm so that the casting compound can penetrate for at least 2/3 of the thickness of the screed. Dust and insert the staples for the screed.
Metal parts or elements must be free of rust and grease. For small patch layers, the substrate must be solid (i.e. free from any parting compounds and loose or easily removable parts) and clean, dry, roughened and when possible, also sanded. Apply Kerarep Eco on dry substrates.

**Preparation**
Prepare Kerarep Eco quickly, either by hand or with a mechanical low-rev agitator; mix component A with component B (preset ratio 1,000 : 30 in the bags) until a fluid paste of uniform colour is obtained. Workability times may vary quite considerably, according to the quantity of mixed paste and the temperature of the environment, the sealant and the substrate: at high temperatures and with high quantities of mixed paste, workability times will be shorter. At lower temperatures and with small quantities of mixed paste, workability times will be longer. Low temperatures can also make the resin less fluid. When preparing mortars, after mixing Kerarep Eco part A with part B, add dry sand in a ratio of ≈ 1:1 by volume, then mix until fully integrated.

**Application**
Kerarep Eco, fluid with low viscosity, is applied in a single solution for pouring in gaps, cracks, and holes in concrete or screed. Press down with a metal spreader to facilitate penetration and add resin as necessary until the space is filled completely. Sand any remaining residues before Kerarep Eco hardens. Excess sand must be completely removed before any subsequent applications.

**Cleaning**
Tools can be cleaned and any remaining traces of adhesive removed using alcohol/solvent on freshly applied product. Once cured, Kerarep Eco can only be removed by mechanical means.

Kerarep Eco Code: F642 2018/08-UK

## SPECIAL NOTES

Kerarep Eco can be used only on dry substrates.

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

| | | |
|---|---|---|
| Appearance | part A grey liquid / parte B white liquid / Part C metal staples | |
| Specific weight | part A ≈ 1.6 kg/dm³ / part B ≈ 1.1 kg/dm³ | |
| Shelf life | ≈ 18 months in the original packaging from +5 °C to +30 °C | |
| Warning | protect from frost, avoid direct exposure to sunlight and sources of heat | |
| Pack | part A bucket 1 kg + Part B tube 0.03 kg + Part C 10 metal staples | |
| Mixing ratio | Part A : Part B = 1,000 : 30 | |
| Viscosity Part A | 3200 mPa · s, rotor 4 RPM 50 | Brookfield method |
| Specific weight of the mixture | 1,7 kg/dm³ | |
| Maximum permitted width | ≤ 3 mm | |
| Workability time | ≈ 10 min. | |
| Interval before normal use | ≈ 30 min. | |
| Final resistance | ≈ 12 hrs | |
| Temperature range for application | from +5 °C to +30 °C | |
| Coverage | ≈ 1,7 kg/ℓ | |

*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
- use at temperatures between +5 °C and +30 °C
- pour the resin without interruption until the crack or hole is completely filled
- apply on dry substrates
- make sure the substrate is not frozen, do not apply on dirty or loose surfaces
- protect surrounding surfaces from accidental smearing and staining, which would be difficult to remove
- clean tools immediately after use with solvents (ethyl alcohol, toluene, xylene)
- always use protective gloves and eyewear both during mixing and during application
- avoid any contact with the skin. use in a well-ventilated environment
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service 01527 578000 - info@kerakoll.co.uk

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