

# Cementoresina Gel

Transparent gel for Cementoresina floors and coverings.

Defines the protective sealing layer of Cementoresina and Cementoresina Wall continuous floors and coverings and creates an ideal surface for Microresina Xtreme protective layer to be applied on. For internal use, in domestic and commercial environments. For floors, stairs, walls and coating of washbasin counters or baths.



## Rating 1

1. Easily workable with Trowel 3
2. Defines protection for continuous surfaces
3. EasyClean System

- × VOC Low Emission
- × Water Based
- × Solvent  $\leq 15$  g/kg
- × Low Ecological Impact
- ✓ Health Care

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## Areas of application

→ Transparent gel for:

- Cementoresina continuous floor and stairs
- Cementoresina Wall continuous covering

→ Substrates:

- Cementoresina 2
- Cementoresina Wall

→ For internal use, floors, walls and coatings in domestic and commercial environments. Suitable for coating of showers, Turkish baths, baths, shelves, basin tops and other architectural elements.

Do not use outside the Cementoresina, Cementoresina Wall system.

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## Instructions for use

→ Preparation of substrates

- Cementoresina 2: can be over-applied after 10 hours (+30 °C) – 24 hours (+10 °C) from initial application. Must be carefully prepared: sand with a buffer machine with abrasive grain 120; cleaned well, removing the sanding residues. Before applying, check that the Cementoresina 2 substrate is free from other work residues, contaminants and detaching substances. In particular take great care not to leave marks or stains on the floor with plastic or metal tools. If there are stains or marks, take great care to clean the surface with a cloth soaked in Keragrip Eco Pulep before applying the next layer.
- Cementoresina Wall: can be over-applied after 6 hours (+30 °C) – 14 hours (+10 °C) from initial application. The layer can be overlaid with Cementoresina Gel even if it is still “tacky” on the surface. Surface stickiness is a normal condition for the Cementoresina Wall coating, guaranteeing that the next layer will adhere perfectly and giving the system a high level of flexibility. If visible crests or flashes of Cementoresina Wall are present at corners, remove them using the spreader blade or a sander with grade 120 sandpaper, taking great care not to break through the underlying layer of Cementoresina Wall and not to “dirty” the surface with the sandpaper if it becomes clogged. If there are stains or marks, take great care to clean the surface with a cloth soaked in Keragrip Eco Pulep before applying the next layer.

→ Preparation

Pour Part B into the Part A container in the mixing ratio Part A:Part B of 2:1 (by weight) mix with care, using an electric mixer, with rotation velocity of 300 – 600 rotations/minute, and with a helicoidal agitator, until a uniform mixture is obtained.

→ Application.

The product is spread onto the surface, smoothing it “to zero” with Trowel 3, a smooth transparent trowel specified for the application of Cementoresina 3 Gel, checking that a coverage of  $\approx 80 \text{ g/m}^2$  is maintained. Finish the product designing the weave with the trowel and without leaving ridges or raised areas. Possible accumulations may be seen as bleaches. Avoid creating crests and accumulation of materials in corners. It is possible to pass over again with a short-bristle roller (4 mm) in order to remove any excess in places that are difficult to reach with a spreader such as corners or steps, both on floors and walls. After passing the roller, quickly pass over with the trowel following the texture of Cementoresina. Always apply in small strokes of the spreader, following the pattern used when applying the preceding coat. On vertical surfaces, take care not to apply excess amounts or to create accumulations of product that might cause unforeseen dripping. To eliminate possible accumulations after applying the product, remove any excess with a small short-bristle roller.

→ Cleaning

The product can be removed from tools with Keragrip Eco Pulep. After Cementoresina Gel has hardened it can only be removed mechanically.

## Certificates and marks



## Special notes

- Check that the temperature of the substrate (> +10 °C) and the ambient temperature (> +15 °C) are sufficient, that the room has a relative humidity lower than 75% and that the rooms are well ventilated.
- Always apply in small strokes of the spreader, following the pattern used when applying the preceding coat.
- Always make particularly certain you do not exceed the product pot life. If the product starts to warm up when it is mixed, do not proceed with application of that mixture.
- The photographic images in the catalogue and on the website, as well as the colours shown in the samples are to be considered purely indicative.
- Use material from a single production batch for each project.
- Materials from different batches may have slight colour and sheen variations.

### Technical Data compliant with Kerakoll Quality Standard

<b>Appearance:</b>	
- Part A	dense white paste
- Part B	dense yellow paste
Pack	part A 0.4 kg bucket - part B 0.2 kg bucket
Shelf life	≈ 12 months from production in the original sealed packaging
Warning	protect from frost and store from +5 °C
Mixing ratio in weight	part A : part B = 0.4 : 0.2
Pot life	≈ 30 min.
Waiting time for the sanding and the top application	≈ 12 hrs (+30 °C) / ≈ 24 hrs (+15 °C)
Interval before normal use	≈ 48 hrs / ≈ 14 days (contact with water)
Temperature range for application	from +15 °C to +30 °C
Relative environmental humidity	≤ 75%
Humidity of the substrate	≤ 2%
Coverage	≈ 80 g/m <sup>2</sup>

Values taken at +20 °C, 65% 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.

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**Performance**

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**HIGH-TECH**

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Conformity

SR-B2,0

EN 13813

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Values taken at +20 °C, 65% R.H. and no ventilation. Data may vary depending on specific conditions at the building site

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## Warning

- Product for professional use
- abide by any standards and national regulations
- apply the product at substrate temperatures from +10 °C
- apply on permanently dry substrates
- protect from direct sunlight and currents of air for the first 6 hours
- do not apply on dirty or loose surfaces
- dispose of as indicated in applicable legislation
- the properties of products exposed to sharp changes in temperature (due to transport, storage, building site use, etc.) may be altered (e.g. crystallisation, partial hardening, fluidization, accelerated or delayed catalysis).

- In most cases, when products are restored to optimal conditions, the original properties will also be restored
- protect any surfaces and objects in the application area from accidental contact with the product
  - if necessary, ask for the safety data sheet
  - for unstable wooden types, particular substrates and 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 December 2023 (ref. GBR Data Report – 12.23); 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.