

Microresina® Xtreme

Water-based, transparent micro-resin for the protection of Cementoresina®, Cementoresina® Wall, Microresina® Floor and Microresina® Parquet.
Italian design for living comfort.



Rating 1

- × VOC Low Emission
- ✓ Water based
- × Solvent \leq 80 g/kg
- × Low Ecological Impact
- × Health Care

1. Protects surfaces, leaving them non-absorbent, hygienic, and safe
2. Water-based
3. Opaque finish
4. Compliant to HACCP protocol for the decoration of environments for food use

Areas of application

- High-performance, transparent, water-based protective Microresina® for:
- floors covered with Microresina® (within Microresina® Floor and Microresina® Parquet systems)
 - floors, stairs and coverings treated with Cementoresina® Gel (within Cementoresina® and Cementoresina® Wall systems).

→ Substrates:

- Microresina®
- Cementoresina® Gel

Do not use

Outside Cementoresina®, Cementoresina® Wall, Microresina® Floor and Microresina® Parquet systems.

Instructions for use

→ Preparation of substrates

Cementoresina® and Cementoresina® Wall systems:

Check that Cementoresina® Gel has perfectly catalysed and has been evenly applied over the entire surface.

- On floors: Cementoresina® Gel must be carefully prepared sanding with a floor buffer with SoftPad felt disk. Vacuum thoroughly to remove sanding residue. If crests or accumulations are present, sand with a rotating orbital sander with 180 - 220 abrasive pad. Before applying check that the Cementoresina® Gel substrate is free from other work residues, contaminants and detaching substances.
- On coverings and stairs: Cementoresina® Gel must be carefully prepared sanding with a rotating orbital sander with SoftPad felt disk. Vacuum thoroughly to remove sanding residue. Before applying check that the Cementoresina® Gel substrate is free from other work residues, contaminants and detaching substances.

Microresina® Floor and Microresina® Parquet systems:

The Microresina® coat can be overlaid after about 2 hrs from its initial application (and no later than 12 hrs). Clean away any dust or dirt from the floor, taking absolute care not to sand the surface. Apply Microresina® Xtreme following the recommended waiting times between coats.

→ Preparation

Shake part A before use, insert the filtering inner cap (2.5 l packaging) and pour it into a clean tray. Remove the undercap filter before shutting the can. Add the hardening compound whilst stirring in the ratio Part A : Part B = 5 : 1 and mix well until completely blended. Dilute 10% with clean water then mix again. Set aside for 5 minutes before applying.

→ Application

- On Cementoresina®, Cementoresina® Wall, Microresina® Floor: apply 2 coats of Microresina® Xtreme with Roller Plus respecting the coverage of $\approx 60 \text{ ml/m}^2$ per coat. Leave between 2 hours (+30 °C) and 3 hours (+10 °C) before applying the second coat of Microresina® Xtreme. If the second coat is applied within 12 hours it is not necessary to sand the surface. If a period of over 12 hours has passed, sand with Softpad, vacuum to remove all the sanding dust with care, use a cloth to eliminate all possible residues and apply the second layer of Microresina® Xtreme.
- On Microresina® for Legno+Color floors: evenly apply Microresina® Xtreme with Roller Plus respecting the coverage of $\approx 80 \text{ ml/m}^2$. In environments subject to high levels of foot traffic, apply an extra coat of Microresina® Xtreme with Roller Plus respecting the coverage of $\approx 80 \text{ ml/m}^2$. Leave between 2 hours (+30 °C) and 3 hours (+10 °C) before applying the second coat of Microresina® Xtreme. If the second coat is applied within 12 hours it is not necessary to sand the surface. If a period of over 12 hours has passed, sand with Softpad, vacuum to remove all the sanding dust with care, use a cloth to eliminate all possible residues and apply the second layer of Microresina® Xtreme.
- On Legno Nat Base for Legno Nat floors: apply 3 coats of Microresina® Xtreme with Roller Plus respecting the coverage of $\approx 80 \text{ ml/m}^2$ per coat. Leave between 2 hours (+30 °C) and 3 hours (+10 °C) between coats of Microresina® Xtreme. If is applied within 12 hours it is not necessary to sand the surface. If a period of over 12 hours has passed, sand with Softpad, vacuum to remove all the sanding dust with care, use a cloth to eliminate all possible residues and apply the second layer of Microresina® Xtreme.

→ Cleaning

Residual traces of Microresina® Xtreme can be removed from tools using water before the product hardens.

Special notes

- Before use acclimatize the product to reach room temperature.
- At the end of the applications in environments with frequent contact with water, for sealed plaques, shower boxes and drains use the clear transparent Hyperflex® Hybrid sealant or Silicone Color.
- Always use clean containers and tools.
- Once opened, the can must be used as quickly as possible.
- Use within 90 minutes from mixing.
- Before starting application, check that the roller has been thoroughly cleaned so that it does not shed "hairs" during the initial phase of application.
- Avoid direct contact with highly aggressive substances, such as highly acid or basic substances and highly oxidizing substances (e.g. hair dye) which may alter the floor colour.
- Cured plastic materials with a high content of plasticizers (e.g. tires and protective rubbers) may mark the floor if left in contact for a prolonged period of time on the flooring.
- Pay attention to contact with tanned leather carpets and/or leather treated with dyes: prolonged direct contact with materials of this type can release oxidizing substances and dyes that can permanently alter the colour of the floor.
- 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 coming from different batches may have variations in tonality and colour.

Certificates and marks



* 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).

Technical Data compliant with Kerakoll Quality Standard

Appearance:

- Part A	whitish liquid
- Part B	transparent, translucent fluid

Specific weight:

- Part A	≈ 1.04 kg/dm ³
- Part B	≈ 1.07 kg/dm ³

Packaging:

- Part A	2.5 l bucket / 1 l bucket
- Part B	0.5 l bottle / 0.2 l bottle

Shelf life ≈ 12 months from production in the original sealed packaging

Warning protect from frost, avoid direct exposure to sunlight and sources of heat

Mixing ratio part A : part B = 5 : 1

Dilution water

Pot life ≈ 90 min.

Workability time ≈ 1 hr

Temperature range for application from +10 °C to +30 °C

Relative environmental humidity ≤ 75%

Dust free ≈ 1 hr

Waiting time for next application ≈ 2 hrs (+30 °C) / ≈ 3 hrs (+10 °C)

Interval before normal use:

- domestic use	≈ 2 – 4 days (light foot traffic)
- commercial use	≈ 7 – 10 days (heavy traffic)
- washing and contact with water	≈ 48 hrs

Coverage:

- Cementoresina®, Cementoresina® Wall	≈ 60 ml/m ² for coat (2 coats)
- Microresina® Floor	≈ 60 ml/m ² for coat (2 coats)
- Microresina® Parquet	≈ 70 – 80 ml/m ² for coat (1 coat)
- Microresina® Parquet (LegnoNat)	≈ 70 – 80 ml/m ² for coat (3 coats)

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 absorbcency level of the substrate.

Performance**HIGH-Tech**

Taber test	< 18 mg (CS17/1 kg/1000 rpm)	ASTM D 4060
Antiskid (dry/rubber soles)	R9	DIN 51130
Non-toxic	Compliant	EN 71-3
Suitable for covering environments intended for food preparation	Compliant	HACCP UNI 11021-2002
Conformity	SR-B2.0-AR0.5-IR7	EN 13813

Values taken at +20 °C, 65% 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
- 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 any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - globalservice@kerakoll.com



The Rating classifications refer to the GreenBuilding Rating® Manual 2012. This information was last updated in October 2021 (ref. GBR Data Report - 11.21); 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.

Dreamed by

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Go green

Green Building
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