

Microresina® Xtreme Invisible

Water based, transparent micro-resin for the protection of Wallcrete and Patina® technical coverings.

Italian design for living comfort.



Rating 2

- × 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. Invisible finish with extra-matt effect
4. Compliant to HACCP protocol for the decoration of environments for food use

Areas of application

- High-performance, transparent, water based protective Microresina®.
- End use:
 - Decor Paint for the creation of the Wallcrete surface.
 - Finish for the creation of the Patina® surface.
 - Legno Nat White, Grey and Black in order to create the Microresina® Parquet Nat, Nat White, Nat Grey and Nat Black surfaces.

Do not use
Outside Wallcrete, Patina® and Microresina® Parquet Nat, Nat White, Nat Grey and Nat Black systems.

Instructions for use

- Preparation of substrates
 - In order to create the Wallcrete surface, wait until Decor Paint has dried completely.
 - In order to create the Patina® surface, wait until Finish has dried completely and sand the surface with 80-120 grain sandpaper in order to remove any small imperfections and to render the surface pleasing to the touch.
 - In order to create the Microresina® Parquet Nat, Nat White, Nat Grey and Nat Black surfaces, wait until the LegnoNat Base, LegnoNat White, LegnoNat Grey and LegnoNat Black respective products have dried completely.
- Preparation

Shake part A before use, and pour it into the provided special tray. Pour in the hardening compound slowly while stirring, in a ratio of Part A : Part B = 10 : 1 and stir well until fully mixed. Dilute 10% with clean water then mix again. Set aside for 5 minutes before applying.
- Application
 - Wallcrete surface: apply 2 coats of Microresina® Xtreme Invisible with Roller Plus or a flat brush respecting the coverage of 60 ml/m² per coat.
 - Patina® surface: apply 3 coats of Microresina® Xtreme Invisible with Roller Plus or a flat brush respecting the coverage of 60 ml/m² per coat.
 - Microresina® Parquet Nat: apply 2 coats of Microresina® Xtreme Invisible with Roller Plus respecting the coverage of 100 ml/m² for the 1st coat and 80 ml/m² for the 2nd. In environments subject to high levels of foot traffic or whenever it is necessary, apply a 3rd coat of Microresina® Xtreme Invisible respecting the coverage of 60 ml/m² per coat.
- Other instructions for application

Waiting time for the overlaying of the second and third coats of Microresina® Xtreme Invisible: 2 hours (+30°C) and 3 hours (+10 °C). If the second or third 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 Invisible.
- Cleaning

Clean equipment and residues of Microresina® Xtreme Invisible with 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, each bottle 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 can / 1 l bucket part B 0.25 l bottle / 0.1 l bottle
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Shelf life	≈ 12 months from production in the original sealed packaging
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Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
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Mixing ratio	part A : part B = 10 : 1
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Dilution	water
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Pot life	≈ 90 min.
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Workability time	≈ 1 hr
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Temperature range for application	from +10 °C to +30 °C
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Relative environmental humidity	≤ 75%
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Dust free	≈ 1 hr
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Waiting time for next application	≈ 2 hrs (+30 °C) / ≈ 3 hrs (+10 °C)
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Interval before normal use:

- domestic use	≈ 2 – 4 days (light foot traffic)
- commercial use	≈ 7 – 10 days (heavy traffic)
- washing and contact with water	≈ 5 days

Coverage:

- Wallcrete	≈ 60 ml/m ² for coat (2 coats)
- Patina®	≈ 60 ml/m ² for coat (3 coats)
- Microresina® Parquet Nat	≈ 100 ml/m ² (1 st coat)
	≈ 80 ml/m ² (2 nd coat)
	≈ 60 ml/m ² (if a 3 rd coat is required)

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.

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

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 January 2021 (ref. GBR Data Report - 02.21); 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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