

Microresina Xtreme

Water-based, transparent micro-resin for the protection of technical and decorative systems.

Protects surfaces, leaving them non-absorbent, hygienic, and safe. Ideal for protection of Cementoresina, Cementoresina Wall, Microresina Floor and Microresina Parquet.



1. Protects surfaces, leaving them non-absorbent, hygienic, and safe
2. Opaque finish
3. Excellent resistance to wear and scratches
4. Excellent resistance to stains
5. Compliant to HACCP protocol for the decoration of environments for food use
6. Free from heavy metals according to EN 71-3 standard

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.

To protect Microresina floors and in 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 surface, 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 and in Microresina Floor system: apply Microresina Xtreme with Roller Plus in two coats of approximately 60 ml/m² 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 ≈ 80 ml/m². In environments subject to high levels of foot traffic, apply an extra coat of Microresina Xtreme with Roller Plus respecting the coverage of ≈ 80 ml/m². Leave between 2

Instructions for use

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 ≈ 80 ml/m² 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.
- After the application in environments frequently exposed to water, use Silmat Color or an overpaintable, transparent sealant to seal plaques, corners, vents, shower cabinets, drains and breaks in the wall covering.
- 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.
- Once the floor is finished, allow the floor to breathe. If it is necessary to cover the floor to protect it from subsequent work; take great care to avoid spilling liquids that may remain between the floor and cover. Remove the cover as soon as possible to allow the floor to fully cure.
- 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.
- Do not clean tools under running water. Do not pour product residues, water, or other washing solutions into household drains or sewers.

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	$\approx 1.04 \text{ kg/dm}^3$
- Part B	$\approx 1.07 \text{ kg/dm}^3$
Packaging:	
- Part A	2.5 l can / 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 $+10 \text{ }^{\circ}\text{C}$ to $+30 \text{ }^{\circ}\text{C}$
Relative environmental humidity	$\leq 75\%$
Dust free	≈ 1 hr
Waiting time for next application	≈ 2 hrs ($+30 \text{ }^{\circ}\text{C}$) / ≈ 3 hrs ($+10 \text{ }^{\circ}\text{C}$)
Interval before normal use:	
- domestic use	$\approx 2 - 4$ days (foot traffic)
- commercial use	$\approx 7 - 10$ days (heavy traffic)
- washing and contact with water	≈ 48 hrs
Coverage	
- Cementoresina, Cementoresina Wall	$\approx 60 \text{ ml/m}^2$ for coat (2 coats)
- Microresina, Microresina Floor	$\approx 60 \text{ ml/m}^2$ for coat (2 coats)
- Microresina Parquet (Legno+Color)	$\approx 70 - 80 \text{ ml/m}^2$ for coat (1 coat)
- Microresina Parquet (Legno+Color Nat)	$\approx 70 - 80 \text{ ml/m}^2$ for coat (3 coats)

Values taken at $+20 \text{ }^{\circ}\text{C}$, 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

- 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 Technical Customer Service Kerakoll:
+ 39 0536.811.516
www.kerakoll.com/contatti



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