

Microresina® Xtreme

New generation, transparent protective Microresina® (micro resin) for the redesign of existing flooring, ideal for use in GreenBuilding.

Transparent, protective, Microresina®, for defining the final protective layer in the Microresina® cycle for commercial and residential use. For internal flooring applications.



GREENBUILDING RATING®



RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- Easily applied with Roller Plus
- Defines final protection for surfaces coated with Microresina®
- Protects surfaces, leaving them non-absorbent, hygienic, and safe
- Water-based
- Opaque finish

AREAS OF USE

Use

High-performance, transparent, water-based protective Microresina® for:
- floors coated with Microresina®

Substrates:
- Microresina®

For internal use, in domestic and commercial environments. Suitable for heated substrates.

Do not use

Outside the Microresina® system.

INSTRUCTIONS FOR USE

Preparation of substrates

The Microresina® New supporting layer can be re-applied after 2 hours (+30 °C) – 3 hours (+10 °C) from initial application. Clean away any dust or dirt from the previously prepared flooring treated with Microresina® New (colours WR01–WR10) taking care not to sand the surface. Apply Microresina® Xtreme following the recommended waiting times.

Preparation

Shake thoroughly part A before use, insert the undercap filter (2.5 l packaging) and pour into the appropriately prepared 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

Apply Microresina® Xtreme by Roller Plus in two coats of ≈ 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 Durasoft System Duragrip 220, 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.

* 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).

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.
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 Kerakoll Design House catalogue and on the www.kerakolldesignhouse.com site as well as the colour chart samples provided are for general indication only.
The Kerakoll Design House surfaces in different materials have different tone, saturation, and lightness. Use material from a single production batch for each project.
Materials coming from different batches may have variations in tonality and colour.
The surface Texture of Kerakoll Design House is characterised by marbling, discontinuous material vibrations, and natural irregularities resulting from handmade craftsmanship that is carried out during implementation.

ABSTRACT

MICRORESINA® XTREME_PROTECTIVE LAYER

New generation, transparent, protective, water-based Microresina® (micro-resin) for the re-design of existing ceramic flooring, by application of Microresina® 3, GreenBuilding Rating® 1, by Kerakoll Spa using a roller, applying in two coats with a coverage of $\approx 0.12 \text{ l/m}^2$.

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 jar
- part B	0.5 l bottle / 0.2 l bottle
Shelf life	≈ 12 months in the original 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 (light foot traffic)
- commercial use	$\approx 7 - 10$ days (heavy traffic)
- washing and contact with water	≈ 14 days
Coverage	$\approx 60 \text{ ml/m}^2$ per coat (two 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 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
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 2013. This information was last updated in July 2019 (ref. GBR Data Report - 07.19); 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.



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