

# Factory Eco Color PU

**Coloured, eco-friendly, waterproof and high scratch resistance, water-based organic fluid finish coat, ideal for use in GreenBuilding. Two-component, water-based.**

Factory Eco Color PU is a coloured finish with high resistance to scratching, resistant to water, oil and liquids used for food purposes, specifically designed to create continuous film coatings on walls.



**GREENBUILDING RATING®**

	 Low Emission Indoor Air Quality	 Water Based	 Solvent ≤ 80 g/kg	 Low Ecological Impact	 Health Care
		 Water-based formulation			

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

**PRODUCT STRENGTHS**

- For internal use
- Smooth extra-matt finish
- High coverage
- Guarantees surfaces that are easy to clean and washable

**AREAS OF USE**

**Use**  
Coloured, waterproof and protective finish coat for walls.

**Substrates:**

- cement plasters and cement-lime mortar
- lime-based plasters/renders
- gypsum-based plasters/renders and substrates in plasterboard
- ceramic, mosaic, natural stone coatings
- plywood or chipboard coatings

Internal and external walls in domestic, commercial and industrial applications.

**Do not use**  
On damp substrates, in areas subject to prolonged contact with water or fluids, such as the coatings of tanks and liquid containers.

**INSTRUCTIONS FOR USE**

**Preparation of substrates**  
The substrate must be stable, non-deformable, without cracks and have already completed the curing period of hygrometric shrinkage. Substrates must be free from dust, oil and grease, with no loose, flaky or imperfectly anchored parts. They must be permanently dry and free from moisture rising.

Non-planar substrates can be corrected with Keralevel® Eco, Keralevel® Eco LR, Keralevel® Eco Ultra and added with Keraplast Eco 337. Excessively rough concrete substrates can be smoothed with Keralevel® Eco RP or with Keralevel® Eco Finish added with Keraplast Eco 337.

Ceramic, natural stone and glass mosaic substrates must be prepared with Sic® Eco 3CW. If a technically and aesthetically continuous substrate is to be obtained, the substrate must be corrected with Keralevel® Eco, Keralevel® Eco LR, Keralevel® Eco Ultra added with Keraplast Eco 337 with insertion of a suitable Net 90 reinforcement mesh, and if necessary finished with Keralevel® Eco RP or Keralevel® Eco Finish added with Keraplast Eco 337.

\* 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).

## INSTRUCTIONS FOR USE

### Preparation

Mix part A before use. Add the hardening compound whilst stirring in the ratio Part A : Part B = 5 : 1 and mix well until completely blended. For application on non-absorbent surfaces, prepare the first coat pure or diluted (max. 5% with clean water) and mix again. For absorbent surfaces dilute 20% with clean water and mix again. For subsequent coats the product can be applied pure or diluted (max 2% with clean water), mix again after adding the water.

### Application

Factory Eco Color PU must be applied using a short-bristle roller, such as Sic® Roller Plus, or a sponge roller, brush or airless spray system in 2 or 3 coats until the required coverage is achieved.

Some colours may require application of a coat of white Factory Eco Color PU to act as a base coat.

Application must be carried out carefully, to avoid changes in colour and streaking. The product should be applied continuously, without breaks, keeping the overlapping edge fresh and damp. Avoid passing over the same areas again and crossing the roller strokes.

The interval before re-application between first and second coats is 4 – 12 hours, and 2 – 12 hours for subsequent coats. If more than 12 hours elapses between one coat and the next, sand lightly with a Sic® Durasoft System Softpad abrasive.

### Cleaning

Residual traces of Factory Eco Color PU can be removed from tools using water before the product hardens.

## SPECIAL NOTES

Allow product to reach room temperature before use.

Always use clean containers and tools.

Once opened, each bottle must be used as quickly as possible.

## ABSTRACT

*The coloured highly scratch-proof protective finish will be provided using organic fluid finish coat compliant with Directive 2004/42/CE, Greenbuilding Rating® Eco 1, such as Factory Eco Color PU by Kerakoll Spa, applied by roller in two or three coats of ≈ 100 g/m<sup>2</sup> per coat.*

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	white or coloured glaze
Shelf life	≈ 12 months in the original packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Pack	Part A 4 kg bucket - Part B 0.8 kg bottle
Mixing ratio	Part A : Part B = 5 : 1
Dilution	water
Temperature range for application	from +5 °C to +30 °C
Sheen	≈ 5 – 10 gloss
Pot life	≈ 1 hr
Workability time	≈ 60 min.
Dust free	≈ 1 hr
Interval before normal use	≈ 48 hrs
Full hardening	≈ 7 days
Coverage	≈ 100 g/m <sup>2</sup> per coat

*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.*

## COLOUR CHART



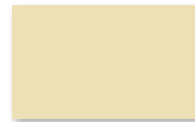
RAL 1001



RAL 1002



RAL 1006



RAL 1015



RAL 3000



RAL 3011



RAL 5007



RAL 5012



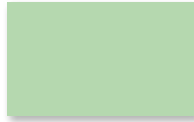
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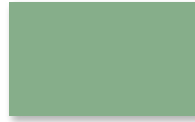
RAL 6001



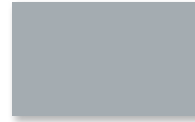
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RAL 6019



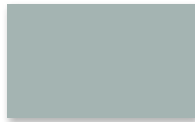
RAL 6021



RAL 7001



RAL 7037



RAL 7038



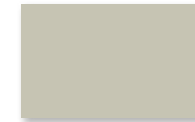
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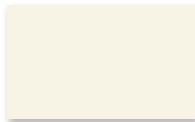
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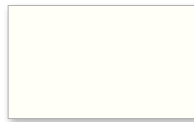
RAL 7043



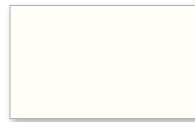
RAL 7044



RAL 9001



RAL 9010



RAL 9016

*The shades shown in this colour chart are purely indicative. For colour selection you are referred to the Kerakoll RAL Colour Chart.  
Uncoded colours: feasibility, minimum quantity, delivery times on request.*

## WARNING

- **Product for professional use**
- abide by any standards and national regulations
- apply on 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
- protect any surfaces and objects in the application area from accidental contact with the product
- read the product safety data sheet before use
- for any other issues, contact the Kerakoll Worldwide Global Service - [info@kerakoll.ae](mailto:info@kerakoll.ae)

The Eco and Bio classifications refer to the GreenBuilding Rating® Manual 2012. This information was last updated in December 2018 (ref. GBR Data Report - 12.18); 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 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.