

# Factory Protection PU

Transparent, water-based organic fluid finish coat for resin floors. Two-component.

Factory Protection PU is a transparent protective finishing product specifically designed to increase the resistance to scratching and abrasion of film, multi-layer, permeable and self-levelling coloured resin-based type floors. Resistant to water, oil, hydrocarbons and liquids used for food purposes.



**GREENBUILDING RATING®**

rating 1

Water-based formulation

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

**PRODUCT STRENGTHS**

- For internal use
- Smooth opaque finish
- High protection from scratching and abrasion
- NMP-free
- Compliant with Directive 2004/42/EC

**AREAS OF USE**

**Use**  
High protection and high scratch-proof finish for:  
- self-levelling, multi-layer and film coatings in epoxy and polyurethane resin

Domestic, commercial and industrial floors with low traffic intensity.

**Do not use**  
In external applications, on generally absorbent substrates unpreviously treated with a suitable primer, in environments subject to constant or prolonged contact with water, on floors subject to heavy and intense vehicular and industrial traffic.

**INSTRUCTIONS FOR USE**

**Preparation of substrates**  
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. Appropriately sand the substrate and carefully remove the dust.

**Preparation**  
Shake thoroughly part A before use, insert the undercap filter 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. Leave the mixture to rest for a few minutes before applying.

**Application**  
Apply the first coat of Factory Protection PU using Roller Plus and using a coverage of  $\approx 80 \text{ ml/m}^2$ . As soon as the first coat can take foot traffic and not later than 6 hours, proceed with the application of the second coat using a coverage of  $\approx 80 \text{ ml/m}^2$ .

**Cleaning**  
Residual traces of Factory Protection 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, the can must be used as quickly as possible.

Factory Protection PU Code: FA859 2019/07 - EN

## ABSTRACT

Highly scratch-proof finishing protection of resin floors will be provided using organic fluid finish coat compliant with Directive 2004/42/CE, GreenBuilding Rating® 1, such as Factory Protection PU by Kerakoll Spa, applied by roller in two coats of  $\approx 80 \text{ ml/m}^2$  per coat.

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	Translucent whitish liquid
Specific weight:	
- Part A	$\approx 1.04 \text{ kg/dm}^3$
- Part B	$\approx 1.07 \text{ kg/dm}^3$
Shelf life	$\approx 12$ months in the original packaging
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat
Pack	part A can 5 l - Part B 1 l bottle
Mixing ratio	Part A : Part B = 5 : 1
Dilution	Water
Temperature range for application	from $+5 \text{ }^\circ\text{C}$ to $+30 \text{ }^\circ\text{C}$
Sheen	$\approx 20 - 30$ gloss
Pot life	$\approx 2$ hrs
Workability time	$\approx 60$ min.
Dust free	$\approx 1$ hr
Interval before normal use	$\approx 48$ hrs
Full hardening	$\approx 7$ days
Coverage	$\approx 80 \text{ ml/m}^2$ per coat

*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  $< 30 \text{ mg}$  (1.000 rpm 1.000 g CS 17)

*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.*

## 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 +39 0536 811 516 - [globalservice@kerakoll.com](mailto: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](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.



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