

Factory Base EP

Transparent, water-based, organic, liquid impregnating agent, for dust-proof treatment of industrial concrete floors.

Factory Base EP creates a transparent impregnation coat with a high dust-proof effect and low capillary draw. Increases resistance to surface abrasion of industrial concrete floors and reduces the absorption of water and oils.



Rating 3

1. For internal use
2. Semi-gloss smooth finish
3. Fast and easy to apply, ideal for large surfaces
4. Specific for use as a primer before application of Factory Colorwet EP

- × VOC Low Emission
- ✓ Water Based
- ✓ Solvent ≤ 15 g/kg
- × Low Ecological Impact
- ✓ Health Care

Areas of application

→ Intended use:

Transparent, dust-proof impregnating primer.

Substrates:

- floors in smoothed concrete or with a dry-shake quartz finish

New or perfectly sound flooring for internal use in commercial and industrial applications.

Suitable for heated substrates. Like all epoxy resin coatings, in Factory Base EP slight yellowing may occur over time.

Do not use on substrates with stagnant water or saturated with water; on non-absorbent substrates.

Instructions for use

→ Preparation of substrates

Substrates must be cleaned from dust, oil, grease detaching substances such as anti-evaporation treatments or impregnating primers. The substrate must be prepared mechanically by sanding to make it absorbent, and all dust must then be removed. On newly constructed substrates, wait for a minimum of 5 days before applying Factory Base EP.

→ Preparation

Factory Base EP is prepared by mixing together parts A and B from the bottom upwards, using a low-rev (400/min.) helicoidal agitator, respecting the preset ratio of the packs (Part A 5 kg : Part B 5 kg). Pour Part A and Part B into a clean container, being careful to mix the two parts

uniformly until a smooth, even coloured mixture is obtained. While mixing, add clean water in a ratio of water : Factory Base EP of 6 : 1 for the first coat, water : Factory Base EP of 4 : 1 for the second coat.

→ Application

Factory Base EP is applied with a roller, brush or airless system, in two coats.

Apply the first coat, wait until the surface can take foot traffic and then proceed to apply the second coat within 24 - 36 hours.

→ Cleaning

Residual traces of Factory Base EP can be removed from tools with water before the product has hardened.

Special notes

→ Factory Base EP is suitable as a dust-proofing and consolidating agent before application of breathable, multi-layer resin coatings using

the product Factory Colorwet EP. In this case, Factory Base EP can also be used for external applications and must be diluted 1 : 1 with water.

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).

Abstract

Dust-proofing treatment of smoothed concrete floors or quartz-dusted resin floors will be carried out using a transparent, organic impregnating fluid compliant with GreenBuilding Rating 3, such as Factory Base EP, by Kerakoll Spa. Apply to the pre-prepared substrate in two coats, using a roller, brush, airless system. Coverage $\approx 50 \text{ g/m}^2$.

Technical Data compliant with Kerakoll Quality Standard

Appearance	milky white liquid
Shelf life	≈ 12 months from production in the original sealed packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Pack	part A 5 kg bucket - part B 5 kg bucket
Mixing ratio	part A : part B = 1 : 1
Pot life	≈ 1 h
Foot traffic	≈ 24 h
Interval before normal use	≈ 48 h
Coverage:	
- as impregnating agent	≈ 50 g/m ²
- as primer	≈ 100 g/m ²

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.

Warning

- Product for professional use
- abide by any standards and national regulations
- apply the product at substrate temperatures from +10 °C to +30 °C
- protect from direct sunlight and currents of air for the first 12 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
 - read the product safety data sheet before use
 - if necessary, ask for the safety data sheet
 - for any other issues, contact the Kerakoll Worldwide Global Service - info@kerakoll.ae

The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in June 2023 (ref. GBR Data Report - 06.23); 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 site 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.