

Factory Primermaxi EP

Epoxy system for the preparation of substrates before creating resin-based continuous flooring.

Factory Primermaxi EP is ideal for both the preparation of supports before applying film finishing coats and for the finishing of substrates before creating multi-layer or self-levelling systems.



1. For internal and external use
2. Easy to apply with a roller or spreader

Areas of application

→ Use

Substrate preparation and finishing before applying resin coatings.

Substrates

- floors in smoothed concrete or with a dry-shake quartz finish
- cement-based screeds
- existing floors in ceramic tile, porcelain tile, natural stone

Internal and external flooring in domestic, commercial and industrial applications. Suitable for heated substrates

Do not use on wet substrates or substrates subject to damp rising, when the temperature of the air, product and substrate is below +10 °C and when the relative air humidity is above 80%. do not use if the temperature of the substrate is not at least 3 °C above the dew point Do not use on dusty and flaky substrates or substrates polluted with oil, grease or dirt in general. Do not use as a depth consolidant for flaky cement-bases screeds and screeds that are not compact.

Instructions for use

→ Preparation of substrates

Substrates must be cleaned from dust, oil, grease detaching substances. Shall be permanently dry and free from any high residual moisture rising or in counterthrust. Cement-based substrates must have a residual moisture at a maximum of 3% (2.5% in the case of heated substrate). Anhydrite supports must have a moisture at a maximum 0.5% (0.2% in the case of heated substrate).

Substrates must be stable, non-deformable, have already completed the hygrometric shrinkage and be free from non-stable cracks. The substrates must be mechanically prepared using suitable processing cycle depending on the selected system and perfectly dusted.

Cement-based substrates: in general they must sanded if a film coating is going to be subsequently applied; they must be smoothed or shot-blasted if a multi-layer coating is going to be subsequently applied; shot-blasted if a self-levelling coating is going to be subsequently applied.

Ceramic, marble, porcelain substrates: in general they must be carefully ground to make them absorbent, and then treated with Keragrip Pulep. After they have been cleaned and prepared, substrates must have a surface tear strength > 1.5 mPa according to ASTM D 4541 and a compressive strength > 25 N/mm².

→ Preparation

Pour Part A into a clean container, add Part B in the proportion Part A : Part B = 10 : 3 and mix with care, preferably using an electric mixer, with rotation velocity of 300-600 rotations/minute, until a uniform mixture is obtained.

→ Application

Roller application: apply only on absorbent cement-based substrates. Apply uniformly with a roller making sure the coverage is approx. 0.2-0.3 kg/m².

Overlaying with finishing products must be done after a minimum of 12 hours and in any case within a period of 24 hours. After this time, the surface will have to be carefully sanded before laying the second coat over it.

Spreader application: mix with Quarzo 1.3 and/or Quarzo 1.7 up to 50% (2 parts of Factory Primermaxi EP and 1 part of Quarzo 1.3 and/or Quarzo 1.7), apply a with a smooth metal spreader using the coverage of approx. 0.5-0.7 kg/m² (approx. 1 kg/m² in case it might be necessary to incorporate the Net 90 reinforcement mesh) and, if necessary, sprinkle the treated surface with Quarzo 1.3 while Factory Primermaxi EP is still fresh.

When dusting with Quarzo 1.3 is foreseen, overlaying with finishing products must be done after a minimum of 8 to 12 hours and in any case within a period of 24 hours. After this time, the surface will have to be carefully sanded before laying the second coat over it.

→ Cleaning

Residual traces of Factory Primermaxi EP can be removed from tools with DD or Diluente 01 before the product has hardened.

Special notes

- Protect from sunshine, rain, frost and air currents for the first 24 hours.
- For external applications it is always necessary to sprinkle the treated surface with Quarzo 1.3 while Factory Primermaxi EP is still fresh.

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

Substrate preparation before applying the multi-layer, self-levelling, resin-based film continuous covering, will be created with epoxy system such as Factory Primermaxi EP,by Kerakoll Spa, with a coverage for roller applications of approx. 200-300 g/m² and approx. 500-700 g/m² for spreader applications.

Technical Data compliant with Kerakoll Quality Standard	
Appearance:	
- Part A	semi-transparent beige liquid
- Part B	straw yellow liquid
Shelf life	≈ 24 months from production in the original sealed packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Pack	part A 10 kg bucket - part B 3 kg can
Mixing ratio	Part A : Part B = 100 : 30
Pot life	≈ 30 min
Temperature range for application	from +10 °C to +30 °C
Overlay times	min. 8 – 12 hours max 24 hours
Coverage:	
- applicable with a roller	≈ 200 – 300 g/m² per coat
- application with a spreader	≈ 500 – 700 g/m² 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 absorbcency level of the substrate.

Performance		
HIGH-TECH		
Conformity	SR-B2,0	EN 13813
Adhesive strength	B 2.0 Class	EN 13892-8

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

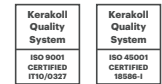
→ do not use on unsuitable and/or not suitably prepared substrates

→ do not use if the temperature of the substrate is not at least 3 °C above the dew point

→ carefully protect any surfaces and objects in the application area from accidental contact
- read the product safety data sheet before use

→ dispose of as indicated in applicable legislation

→ for any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - globalservice@kerakoll.com



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