

# EP Prime

## 1 PRODUCT DESCRIPTION

2-component primer based on epoxy resin.

- Only for professional users.
- Easily filled.
- Unpigmented.

Delivery form: 19.7 kg component A / 5.3 kg component B

## 2 AREAS OF APPLICATION

For the pretreatment of subsurfaces as a barrier and adhesive primer on stable founding concrete, tiled and screed floors, before further treatment with **Dr. Schutz PU Flow** or **Dr. Schutz PU Color**. Also suitable for troweling when filling with dried quartz sand for the rough levelling of surfaces, e.g. tile joints.

## 3 APPLICATION

Stir up component A carefully with an electric stirrer. Add component B (MV = 3,7:1) and mix homogeneously and intensively for approx. 2-3 minutes. Avoid mixing air into the primer. Transfer to a clean tub and stir again. Working-time (20°C): 20-25 min, only mix as much material as can be used within the working time. Pour the mixture in portions onto the surface to be covered, which has been professionally prepared, and spread it with a double-blade trowel, a short-pile roller (e.g. oil-roller), or a rubber squeegee. Floor temperature 15-23 °C. On further coating with **Dr. Schutz PU Flow** we recommend sanding while still in a wet condition with dried quartz sand 0.4-0.7 mm. On further coating with **Dr. Schutz PU Color** roughen the hardened surface to mat with a PU renovation pad.

Please note:

- The subsurface must be professionally prepared and in a roughened, clean, dry condition free of oil, wax and dust. Concrete <3 CM-%.
- The subsurface must have an adhesive tensile strength of at least 1.5 N/mm<sup>2</sup>.
- Recommended floor and material temperature during application and drying time: 15-25 °C. Relative air humidity <60%.
- Before use, the material must be harmonized with the surrounding temperature.
- In the case of porous, or open pored subsurfaces a second application may be required, in order to attain an optimal closing of the pores.
- **EP Prime** can be used with 30% dried quartz sand 0.1-0.4 mm as trowelling to fill larger uneven areas, e.g. joints. We recommend application with a doubleblade trowel.
- In principle the floor must always be protected against any moisture effect pressing from the back, also during use.
- During the reaction heat is released. In the mixed canister this can lead to a sudden shortening of the working time.
- Do not continue to use mixtures whose viscosity is visibly increased.
- During application and the first 24 hours thereafter protect the area from direct water impingement.
- Clean working materials and tools with eukula V25 while still in a wet condition. When these are hardened, it is only possible to clean them mechanically.

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- Pay attention to industrial safety advice.

### 4 CONSUMPTION

0.3 – 0.8 kg/m<sup>2</sup> per coating. Dependent on the absorbent behaviour of the subsurface.

### 5 DRYING TIME

Subsequent further coatings must be applied within 12-15 hours (20 °C) .

The speed of hardening is highly dependent on the temperature.

### 6 STORAGE

Protect against frost. Store in a cool, dry place. Will keep for 6 months in unopened, original canister from the date of manufacture. Keep out of the reach of children.

### 7 TECHNICAL DATA

GISCODE: RE1

Decopaint 2004/42/IIA(j)(500)500.

CLP EP Prime Component A: GHS07, GHS09, Warning. Contains: reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight < 700) formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, oxirane, mono[(C12-14-alkyloxy)methyl] derivs. H315 Causes skin irritation. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects.. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P273 Avoid release to the environment. P280 Wear protective gloves / eye protection / face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

ADR: UN 3082

CLP EP Prime Componente B: GHS05, GHS07, Danger. Contains: benzyl alcohol, 3-aminomethyl-3,5,5-trimethylcyclohexylamine, m-phenylenebis(methylamine), 4,4'-Isopropylidenediphenole, oligomeric reaction product with 1-Chloro-2,3-epoxypropane, reaction, product with 3-Aminomethyl-3,5,5-trimethylcyclohexylamine, 2-piperazin-1-ylethylamine, 3-aminopropyldimethylamine. H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international

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regulations.  
ADR: UN 2735

### 8 SPECIAL NOTES

- Hardened mixtures can be disposed of with household waste. For the disposal of individual components please refer to the Safety Data Sheet.

### 9 CROSS-REFERENCE

Our following publications in their updated form are valid as an integral part of this fact sheet:

- General notes on the application of Dr. Schutz finishes
- Safety data sheet available on request.

The quoted printed matter, as well as this product information in its updated form, is available on our homepage [www.dr-schutz.com](http://www.dr-schutz.com) , or on request from the address quoted below.

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The above advice for technical application is given to the best of our knowledge and according to the latest state of technology. Therefore, if our products are used carefully heeding the advice given on their application, as well as following our suggested procedures with the materials intended for use with these products, no damage shall occur. However, our products are used outside and beyond our possible control, and are therefore subject to your own responsibility, which does not release you from the obligation to check for yourself whether our supplied products are suitable for your intended purpose and procedure. Therefore our notes and advice are not legally binding and cannot be used against us as grounds for liability - which includes the rights and protection of any third party. The relevant recommendations, guidelines and standard norms are to be observed, as well as the recognized technical rules. On publication, this product information replaces and supersedes the validity of any previous versions.