

PU Flow

1 PRODUCT DESCRIPTION

2-component cast coating based on polyurethane resin.

- Only for professional users.
- Tough elastic
- easily filled
- unpigmented

- Delivery form: 20.5 kg component A / 4.5 kg component B

2 AREAS OF APPLICATION

To produce well leveled surfaces before creating coloured designs with **Dr. Schutz PU Color** in the renovation of floor coverings firmly bonded to the subsurface, like linoleum, PVC and rubber.

Ceramic floor tiles after pretreatment with **Dr. Schutz EP Prime**.

3 APPLICATION

First, stir up the component A carefully with an electric stirrer. Add component B (MV = 4,55:1) and mix homogeneously and intensively for approx. 2-3 minutes. Avoid mixing air into the solution. 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 with a serrated trowel (serrated strip type number 25 or similar, depending on the desired thickness of the layer) and deaerate with nail roller. Floor temperature 15-23 °C.

Resilient floorings firmly bonded with the subsurface, as well as old EP or PU cast floors, must be stripcleaned and sanded coarsely (40 grain) over their entire area. Tiles, cement screed and concrete must be pretreated with EP Prime.

Please note:

- The surface must be professionally prepared and in a roughened, clean, dry condition free of oil, wax and dust.
- Irradiate with good overlap of the lamp. Recommendation: ½ overlap.
- Floor and material temperature must not fall below +15°C during application and drying time
- Ceramic tiles have to be pretreated beforehand by trowelling with EP-Prime and 30% dried quartz sand. Before applying PU Flow the EP Prime surface must be sanded back with a PU Renovation Pad.
- In order to level out larger uneven areas (joints, heavily structured LVT etc.) a second application of PU Flow may be necessary, whereby the first layer must be applied by trowelling with a double-blade trowel. The second layer must be applied as early as the floor can be carefully walked on and is no longer sticky (approx. 6 hours, 20 °C). If the floor is left to harden for longer, we recommend sanding in between layers.
- 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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4 CONSUMPTION

1.5-2.5 kg/m², depending on the roughness depth and the serrated trowel used.

5 DRYING TIME

Subsequent further coatings, e.g. with **Dr. Schutz PU Color**, can be applied after 18-24 hours (20 °C). We recommend abrading the surface with a PU Renovation Pad to make it mat.

Low temperatures can prolong the drying time.

7 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.

8 TECHNICAL DATA

GISCODE PU10

Decopaint 2004/42/IIA(j)(140)140.

ADR/RID: not a dangerous good as defined by transport regulations.

CLP Component A: labelling not necessary.

CLP Component B: GHS07, GHS08 Danger. Contains diphenylmethanediisocyanate, isomers and homologues, 4,4'-methylenediphenyl diisocyanate. H332 Harmful if inhaled. H315 Causes skin irritation. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H351 Suspected of causing cancer. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. P260 Do not breathe dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/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. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. EUH204 Contains isocyanates. May produce an allergic reaction.

9 SPECIAL NOTES

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

10 CROSS-REFERENCE

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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 or on request from the address quoted below.

Dr. Schutz – We Care About Floors

Headquarter
Dr. Schutz GmbH
Holbeinstraße 17
D-53175 Bonn
Tel.: + 49 228 / 95 35 2-40
Fax: + 49 228 / 95 35 2-46
E-Mail: export@dr-schutz.com
www.dr-schutz.com

UK
Dr. Schutz U.K Ltd.
Unit 24, Anglo Business Park,
Smeaton Close, Aylesbury Bucks
HP19 8UP

Contact: Richard Nelson
Tel.: 0044 / 1296 437827
Fax: 0044 / 1296 334219
E-Mail: richard@dr-schutz.com

Ireland
Dr. Schutz Ireland
35 Pic Du Jer Park,
Ballinlough, Cork

Contact: Paul O'Reardon
Mobile: 0877678388
E-Mail: drschutzireland@gmail.com

North America
Schutz NA
4701 Bath St 46, Philadelphia PA
19137, USA

Contact: Sam Jamison
Tel.: 001 / 877 272 4889
Mobile: 001 / 215 510 7874
E-Mail: sam@schutzNA.com

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