



PU Color / Colorize

1 PRODUCT DESCRIPTION

Colored 2part polyurethane sealer, waterbased. Only for professional users. Hardwearing sealer film, excellent elasticity and good resistance against colorless chemicals.

Easy and safe to apply with excellent adhesion. High solid content.

Color shades: corresponding to RAL-K5, NCS-S, Pantone und Sikkens 4041, excluded fluorescent und metallic shades, or as desired by the customer by sample.

2 SUITABLE FOR

For the coloured design of resilient floor coverings in need of renovation, and resin screed floors before their final coating with Dr. Schutz PU Sealer or Dr. Schutz PU Anticolor

- Floor coverings made of PVC and LVT with smooth, or slightly structured, grained surfaces.
- Linoleum floors
- Coating of decorative screed floors, which have been tested and approved by us, after priming with **Dr. Schutz Primer for Decorative Screed Floors**.
- Non-absorbent stone and tile sub-surfaces after priming with **Dr. Schutz Superbond**.
- Rubber floors (*).
- Cast floors based on epoxy or polyurethane
- Wood and cork floors.

Suitability for safety floorings, more structured surfaces and studded floors must be ascertained in the specific building before use (*).

Please pay attention to our technical recommendations specifically for floors and buildings under www.dr-schutz.com.

3 APPLICATION

Shake up **Dr Schutz PU Color / Colorize** well before adding the hardener. Add **Crosslinker M** to the lacquer in a ratio of 10:1 and immediately mix thoroughly and evenly. Allow the mixture to settle for 10 minutes. then stir again and use it. Do not mix more than can be used up within 2 hours (at 20 °C). Apply PU Color (minimum temp. 15 °C) evenly onto the properly prepared substrate with the Dr. Schutz Aquatop Roller in at least two coats, until the surface is entirely covered.

Please note:

- The surface must be professionally prepared and in a clean, dry condition free of oil, wax and dust (**).
- Open-pored linoleum, wood and decorative screed floors must be sealed with at least two coats
- Before applying PU Color it is absolutely necessary to stir it thoroughly, in order to ensure a matching and homogenous color mixture. We recommend painting a line of PU Color onto the sample color-chart provided, in order to ascertain whether the color we delivered is identical to the one which you have just painted on the chart. Any later claims or complaints will be invalid.
- Floor and material temperature must not fall below +15°C during application and drying time.
- The technical rules are to be observed.



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4 COVERAGE

Per coating approx. 80 ml/m² (12 m²/l).

In the case of color shades which do not cover so opaquely, additional coats may be necessary (*). In the case of a very absorbent subsurface, higher consumption is possible, depending on absorbency.

5 CURING

Can be carefully walked on and, in the case of a second application, worked on further after about 2 hours, however not longer than 12 hours. Equally after 2 hours, but not longer than 12 hours, following the last coating of PU Color / Colorize, finish with **Dr. Schutz PU Sealer / Waxnomor** or **Dr. Schutz PU Anticolor / Marknomor**. Can be used carefully 12 hours after the last sealer coating has dried. After 24 hours approx. 80% of the durability has been achieved. After 7 days the full durability and chemical resistance of the product is provided. (20 °C, 50% relative air humidity and sufficient ventilation)

Low temperatures, high humidity and poor ventilation can extend the drying time. Furniture can be carefully put up again. Gliders/Protectors should be installed and maintained under all movable chairs, tables, fixtures and other furniture to protect the coating from abuse and unnecessary scratching. We recommend Dr. Schutz Scratchnomore protectors.

6 MAINTENANCE

After complete cure clean with **Dr. Schutz PU Cleaner / Schutz Cleaner**.

In areas with high traffic, signs of wear, such as scratches or discoloration, may occur. This can mean that a renovation of parts or of the entire sealer surface is necessary, requiring the application of a new coat of **Dr. Schutz PU Color / Colorize**. We recommend that renovation of the sealer film is carried out on taped-off part areas.

In case conventional care is requested, we recommend **Dr. Schutz Floor Mat** (for satin and mat) or **Dr. Schutz Floor Shine**, depending on the gloss grade of the finish

Please pay attention to our care instructions specific to floorings and buildings under www.dr-schutz.com.

7 STORAGE

Minimum 12 months when stored in original packaging at 70 F (20 °C). Protect from freezing. Keep coating materials out of the reach of children.

When stored in varying temperatures and/or in an opened canister, dried parts can form. If so, sieve these out before using.

8 TECHNICAL DATA

Contained substances: water, polyacrylate, polyurethane, glycoether, silicic acids, waxes, additives. Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

voc (g/l) 80-100 in mixture (ISO11890) depending on color / GISCODE: W3DD+ / 2004/42/IIA(j)(140)140.

ADR/RID: not a dangerous good as defined by transport regulations (base lacquer and crosslinker).



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CLP (base lacquer): labelling not necessary.

Emptied canisters can be disposed of in household waste, or taken to a recycling centre.

CLP (Crosslinker G/M): GHS 07, Attention. H332 Harmful if inhaled. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. H412 Harmful to aquatic life with long lasting effects. P280 Wear protective gloves / eye protection. P362 Take off contaminated clothing. P405 Store locked up. EUH204 Contains isocyanates. May produce an allergic reaction.

9 SPECIAL NOTES

- When mixed together, 2part-products can develop carbon dioxide and build up pressure. Never close 2part-mixtures tightly in a container, danger of bursting!
- Insofar as you and your customer have fallen back on using a colour matching fan like K7 when selecting the colours, you should make it clear that such colours can only represent an approximation of the official RAL colour shades. Therefore you must absolutely show your customer the sample colour chart enclosed. These samples were created by taking the product which was actually mixed in a bucket! You will find this sample colour chart in the carton labelled as such included in the delivery.
- In case of doubt, we always recommend that you first present the customer with a sample area which he should then approve, as one and the same colour shade can have various visual effects depending on different factors, such as light-source, the roller used, room temperature, gloss grade, applied quantity, quality of the substrate, etc.!
- Clean the working tools and implements with water. The hardened remains of lacquer can only be removed mechanically. We recommend always using new, dry Aquatop Rollers.
- Please pay attention to the printed batch number. Only use products with the same batch number in one layer. In the case of a different batch, mix this in a separate container before using.
- Coloured products (e.g. hair dyes, coloured disinfectants for wounds) as well as plasticizer migration (e.g. from rubber) can lead to the irreversible discoloration of the sealing coat. If resistance to hand and instrument disinfectants is required in specific buildings, we recommend pre-testing the respective chemicals on site. (*)
- (*) In case of questions, please consult our advice on technical applications
- (**) Please pay attention to our Technical Information „Preparation of subsurfaces“
- When applying directly onto wood, it is possible that some wood ingredients might penetrate the first coat. If necessary, we recommend a second application, whereby the first coat then has the effect of blocking those substances.

10 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 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.