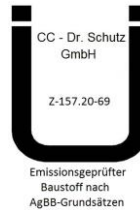


# PU Color/ Colorize



## 1 PRODUCT DESCRIPTION

Colored 2part polyurethane sealer, waterbased.

- Only for professional users.
- Hardwearing sealer film, excellent elasticity and good resistance against colorless chemicals.
- Excellent flow and adhesion.
- Easy and safe to apply .
- 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.
- abZ-Nr. Z-157.20-69, emission-tested building product in accordance with AgBB guidelines.

Please note:

Only for trained and certified contractors/tradespeople.

Order-related production

## 2 SUITABLE FOR

For the coloured design of resilient floor coverings in need of renovation, and resin screed floors.

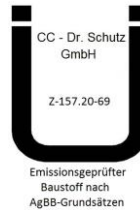
- Floor coverings made of PVC, CV and rubber with smooth, or slightly structured, grained surfaces
- Linoleum floors, if open-pored after priming with **Lino Primer**.
- Coating of decorative screed floors, which have been tested and approved by us, after priming with **Dr. Schutz Primer for Decorative Screed Floors**. (\*\*).
- Non-absorbent stone and tile sub-surfaces after priming with **Dr. Schutz Superbond**.
- Epoxy-primers and EP-thick layered sealers, if necessary after pre-cleaning (\*\*).
- Recommended for soft PU-poured coatings and other point-elastic sub-surfaces combination (Shore D < 60) with **Dr. Schutz Flex Add** (\*\*).
- Suitable for full tone coloration of wood and cork floors.
- Can be combined with **Decelerator Add** to extend the open time on the area.

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

Can also be used for marking lines on sport floors, whereby we recommend **Dr. Schutz Line Color**.

## 3 APPLICATION

## PU Color/ Colorize



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 (Please pay attention to our Technical Information „Preparation of subsurfaces“) with the Dr. Schutz **Aquatop Roller** in at least two coats, until the surface is entirely covered.

Please note:

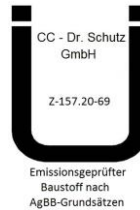
- The surface must be professionally prepared and in a clean, dry condition free of oil, wax and.
- Open-pored linoleum, wood and decorative screed floors must be sealed with at least two coats.
- Before applying PU Color it is absolutely necessary to stir it thoroughly, in order to ensure a matching 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
- It is possible that surface drying occurs in the canister. If necessary use the sieve provided.
- The evaporation of water can be accelerated via air movement. We recommend our Dr. Schutz TG1 drying fan.
- The application on wood floors follows without further primer in two coats. In case it is necessary to sand between coats, then only after the first coat and never after the second coat. In the case of woods containing soluble substances, in the first coat it is possible that the wood will show through. Since the first coat has a blocking effect, this will no longer be visible after the second application. In any event, we recommend a finish with a transparent Dr. Schutz Sealer.
- Individual mixtures with all Dr. Schutz and strato-lacquers are possible up to 5%, in order to create the transparent coloration of areas. In the case of mono-color lacquered areas please note that when working on areas with transparent pigmented lacquer, colour variations due to roller traces and overlapping areas are extremely difficult to avoid. Therefore it is advantageous not to apply the pigmentation concentrated in one coat, but to spread this in parts between different layers. In the process the person applying the lacquer must ensure that the overlapping areas of the various layers are offset. It is convenient to work with higher quantities of lacquer in the layers, so that the lacquer is open for longer and the flow is not impeded.
- Floor and material temperature must not fall below +15°C during application and drying time.
- The technical rules are to be observed.

### 4

### COVERAGE

Per coating approx. 90-100 ml/m<sup>2</sup> (10-11 m<sup>2</sup>/l).

## PU Color/ Colorize



Please take into account that, depending on the absorbency of the sub-surface and the contrast, several applications may be needed until the surface is effectively covered. 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. In the case of longer interim drying times the entire area must be matted by sanding. 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.

Low temperatures, increased air humidity and poor ventilation can significantly extend the drying time. Refrain from laying carpets in the first 10-14 days. Carefully place the furniture. The area should not be wet-mopped in the first 3 days afterwards.

### 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](http://www.dr-schutz.com).

### 7 STORAGE

Protect from freezing. Keep coating materials out of the reach of children. Minimum 12 months when stored in original packaging. Keep tools and equipment 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, glycolether, silicic acids, waxes, additives.

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

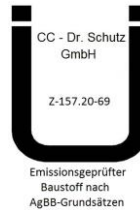
voc (g/l) 80-100 in mixture (ISO11890) depending on color / GISCODE: W3DD+ / 2004/42/IIA(j)(140)140.

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

CLP (base lacquer): labelling not necessary.

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

## PU Color/ Colorize



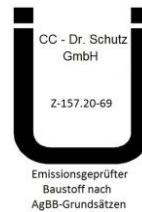
CLP (Crosslinker G/M): GHS 07, Attention Contain Hydrophilic aliphatic polyisocyanate, Di(propylene glycol) dimethyl ether. H332 Harmful if inhaled. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. H412 Harmful to aquatic life with long lasting effects. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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

- When mixed together, 2part-products can develop carbon dioxide and build up pressure. Never close 2part-mixtures tightly in a container, danger of bursting!
- 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.
- All details are given under laboratory conditions 23°C/50% rH/ air changed 3 times per hour. Conditions on site can vary and lead to different results.

## PU Color/ Colorize



- Insofar as you and your customer have fallen back on using a colour matching fan like K5 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.!
- Depending on the colour tone, a minor colour abrading may be possible without further surface protection.
- A further sealing with **Dr. Schutz PU Sealer** or **Dr. Schutz PU Anticolor** is possible for increased protection and gloss definition.
- In areas of heavy abrasive effects (e.g. chair castors, sand brought inside, ...) preventive measures (e.g. suitable protective mats, clean-walking zones) must be taken. These areas must be intensively looked after, or rather should be renovated in good time, depending on the impact.
- Tip: in the case of extremely dark colour tones, which are supposed to be lacquered again to make the surface more matt, we recommend adding 10% PU Color to the topcoat mixture, in order to break the milkiness of the finish.
- 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.
- 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 doubt ask our Technical Applications Advice.
- In the case of under-floor heating, the advice of the floor manufacturer is to be followed.
- (\*) All quantitative details refer to laboratory conditions 23°C/50% rH. Conditions on site may vary and can cause different results.
- (\*\*) For further information, please consult our advice on technical applications.

### 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](http://www.dr-schutz.com) or on request from the address quoted below.

## PU Color/ Colorize



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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.