

Mineral Sealer

1. PRODUCT DESCRIPTION

Special waterbased 2 part polyurethane lacquer. Permanent surface finish for the long-term protection of floors. For professional use only.

- With especially high cross-linking density, thereby providing higher resistance to colourants, plasticizers and chemicals.
- Reduces dirt adhesion and the time needed for day-to-day maintenance.
- Excellent flow and adhesion Easy and safe to apply.
- Tested according to DIN 51130, Anti-Slip Class R9 (mat)
- Tested for reaction to fire according to EN 13501 class A2(fl)-s1.
Low odor.
- Awarded with the EMICODE EC1.

Substrates:

Cementitious fair-faced fillers - as far as tested and approved by us - after priming with Dr. Schutz Mineral Primer. (*)

Available gloss grades (60°): satin (10-20) / mat (5-10)

The combination with Dr. Schutz Adds is possible and extends the range of application:

- R10 Antislip Add results in a significant anti-slip effect.
- R11 Antislip Add structures the surface leading to a high slip resistance.
The product information of the above-mentioned products also applies.

2. APPLICATION

The substrate must be properly prepared and primed.

Shake up well. Mixing ratio 5:1. Mix Crosslinker carefully and evenly into the base lacquer, mix again after a maturing time of approx. 10 minutes. Do not mix more than is consumed within 2 hours. Apply evenly and generously with the Aquatop roller at a minimum of 15°C.

Please note:

- Clean tools with water. Hardened coating residues can only be removed mechanically. We always recommend the use of new dry paint rollers.
- The technical rules are to be observed.

3. CONSUMPTION

approx. 100-120 ml/m² per coat (8-10 m²/l).

Two coats are recommended. An additional coat is recommended for areas subject to heavy traffic.

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4. DRYING TIME

Can be carefully walked on, or worked on again after the water has evaporated (1- 3 hours) . If left to dry for more than 48 hours before a second application, the surface must be fully abraded. Can be used with caution 12 hours after the last layer has dried. About 80% of the wear resistance is already reached after 24 hours. The product is completely resistant after 7 days.

Please note:

- Low temperatures, increased air humidity and poor ventilation can significantly extend the drying time.
- The evaporation of water can be accelerated by ventilation. We recommend our Dr. Schutz TG1 drying fan.
- The area should not be wet-mopped in the first 3 days afterwards.
- Refrain from placing rugs in the first 10-14 days. Carefully place the furniture.
- Covers for protection during further work should be applied after 3 days at the earliest. We recommend the breathable and slip-protected Dr. Schutz Protect Fleece.
- Unless covering is only for short-term protection, full-surface covering is recommended. To avoid infiltration, joints of masking units should be sealed with a vapour-diffusion-open adhesive tape, e.g. Dr. Schutz ProTape. Avoid applying adhesive tape to the freshly painted substrates.

5. CLEANING & MAINTENANCE

Once the hardening is complete, use Dr. Schutz PU Cleaner for day-to-day cleaning. PU Cleaner

In areas where conventional maintenance is not carried out due to high resistance requirements, signs of wear such as scratches or discoloration might make a partial or complete restoration of the coating layer through a renewed coating application necessary as a maintenance measure. We always recommend renovating in closed off partial areas.

In case conventional care is requested, we recommend Dr. Schutz Floor Mat or Dr. Schutz Floor Shine, depending on the gloss grade of the finish.

Preventive measures (e.g. entrance mats or zones) are required in areas of strong wear and tear (e.g. chair castors, sand, ...). These areas require intensive maintenance or an early restoration depending on the extent of the damage.

Please take note of our specific floor care guides under www.dr-schutz.com.

6. STORAGE

Protect from frost. Store in a cool, dry place away from sunlight. Keep out of the reach of children.

Shelf life in unopened original containers from date of manufacture: 12 months. Note the imprinted date of manufacture.

If exposed to direct sunlight, stored in changing temperatures and in opened canisters, dry particles can form. Filter these out with a sieve before using.

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7. TECHNICAL DATA

Ingredients: water / polyacrylate / polyurethane / glycol ether / silicic acids / waxes / additives / preservation agents

Decopaint 2004/42/IIA(j)(140)140 / GISCODE W2/DD+ (2-component waterbased sealer, VOC<5%, NMP free) (Germany)

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

CLP/GHS: Base lacquer: no labelling obligation. UFI: 2G51-903R-Q00A-YYRJ satin / 7K51-S0T5-000U-MAAM mat

Crosslinker G/M: GHS07, Warning. Contains isocyanates. May produce an allergic reaction. UFI: E8F0-60AX-D005-NJTU

Further information on labelling and on safe handling can be found in the current Safety Data Sheet.

Even when using low-pollution products, the usual safety measures are to be observed. Keep away from children. Completely emptied containers can be disposed of with household waste or with the collection of recyclables.

8. SPECIAL NOTES

- Mixed twopart products can develop carbon dioxide and pressure. Never close twopart mixtures tightly, 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 different batches, mix these in a separate container before using.
- All indications based on 23°C/50% rH/ 3-fold change of air per hour. Existing conditions can vary and account for different results.
- If resistance to disinfectants and dyeing products is required for specific areas, we recommend appropriate preliminary tests with the products used on site.

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 surface products.
- Safety Data Sheet available on request.
- (*) Please pay attention to Technical Information 300 “Sealing decorative screed floors”.
www.dr-schutz.com / The quoted printed matter, as well as this Product Information in its updated form, is available on our homepage or on request from the address quoted below.

Mineral Sealer

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