

Technical Data Sheet



ORANGE COATINGS

FLOOR COLORING AND COATING

Language

Eng

Articlenumber

50-1421 CLEARCOAT PLUS ULTRAMAT (2K Sealer)

50-1421 CLEARCOAT PLUS MATT. (2K Sealer)

50-1421 CLEARCOAT PLUS SATIN GLOSS (2K Sealer)

50-1421 CLEARCOAT PLUS HIGH GLOSS (2K Sealer)

VPE

10KG A:9kg / B:1kg

Other VPE

1KG A 900gr/m2 B 100gr/m2 (Not on Stock)



Product

2K Clearcoat Plus Sealer



Productdescription



2K Clearcoat PLUS sealer is a dispersion based 2 component polyurethane coating. The reactive hardener forms a very strong topcoat after curing. 2K Clearcoat Ultramat sealer is used indoors on, among other things, poured and coated floors of both PU and epoxy, as well as on mineral, plastic, wooden and metal surfaces. Suitable for floors and walls. Please note, Schutz Specials has the right advice for the right primer for every surface. You must first make a test yourself. The sealer is easy to clean and has the best resistance to plasticizers.

Overcoating after curing (after 48 hours) is only possible by sanding the topcoat and applying the DS 370 primer. The advantage of this sealer is that it can be applied in 1 layer from 70 gr/m2 to 250 gr/m2.

Application



- Stores
- Residential Applications
- Homes, apartments
- Offices, (light) industry, schools, nurseries
- All types of floors and walls (except carpet) in combination with a possible correct primer

Usages



- Approx. 70-250 gr/m2 (Application with 11mm or 15mm microfibre rollers)

Properties



- Solvent-free
- VOC low, safe to use
- UV Stable, non-yellowing
- Very good adhesion, very scratch resistant
- good wear resistance
- For indoor use, sprayable (with mouth guard, slightly recognizable odour).

Technical details



- UV stable
- Density 1,07gr/m3
- Viscosity at 23°C approx. 1635mPa's
- Dust-dry at 23°C after approx. 4 hours
- Can be walked on gently, can be overcoated at 23° C after approx. 4 hours, can be loaded after 48 hours, total curing chemical resistance after 5-7 days
- Potlife approx. 2 hours (after mixing A and B)
- Solids content approx. 40% (water based)
- VOC approx. 54 gr/l
- Abrasion resistance test NEN-ISO 5470 25mg CS 17 wheel, 1000 rpm/1kg
- Suitable on underfloor heating / Glossgrade 3-7 measured at a angel of 60 degrees
- Not frost resistant
- Shelf life approx. 9-12 months with conditioned storage
- Wheelchair accessible

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○ Applicable in wet areas and bathrooms

Product performances



- Very high chemical resistance, best possible resistance to plasticizers
- Low emission
- very matt look
- Very strong and scratch resistant after total curing

Preparation



- Very high chemical resistance, best possible resistance to plasticizers Low emission
- very matte look
- Very strong and scratch resistant after total curing (7-14 days)

Processing



- Mixing A and B mechanically, mixing slowly with a low-speed mixer
- Let it stand for about 5-10 minutes before processing
- Temperature not below 10°C and not above 30°C during application
- Maximum residual moisture substrate approx. 2.5% on wood residual moisture 15%
- Non-new PU and epoxy substrates (remediation with PU remediation pad) and treat with DS 370 primer. The substrate must be at least 5 degrees Celsius.

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Tips



- Prepare edges and corners well with a brush or small roller
- Rolling into a V and rolling back with an ascending movement
- See the instructional video on youtube (not available yet)
- Avoid forced drying during application, can be started after approx. an hour.

Comments



- Prepare edges and corners well with a brush or small roller
- Rolling into a V and rolling back with an ascending movement
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Recommended accessories & cleaning tools



- Tools and touched materials immediately with lukewarm water
- Cured residues with acetone
- Throw away and do not reuse rollers

Shelflife and Stock



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- Cured residues with acetone
- Throw away and don't reuse rollers

Safety



- No mandatory protection / but when the material is sprayed - face mask and eye protection
- Careful with skin contact
- Avoid eye contact
- Don't inhale directly

Waste



- Offer packaging empty
- Observe local waste regulations. Allow residues to harden and dispose of as plastic waste

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