



Effects: PU Pearl structure

Products required:

- FANTASTIC-FILL DP 4755-9343

optionally:

- UNA-COLOR Pearl structure very fine DB 46451-(colour tone)
mixing ratio (by volume) 10 : 1 with PU Hardener DR 4070
for higher loads also 5 : 1
or
- UNA-COLOR Pearl structure fine DB 42214-(colour tone)
mixing ratio (by volume) 10 : 1 with PU Hardener DR 4070
for higher loads also 5 : 1
or
- UNA-COLOR Pearl structure medium DB 45251-(colour tone)
mixing ratio (by volume) 5 : 1 with PU Hardener DR 4070
or
- UNA-COLOR Pearl structure coarse DB 45822-(colour tone)
mixing ratio (by volume) 10 : 1 with PU Hardener DR 4070
for higher loads also 5 : 1

Product description:

Pigmented, light-fast, two-component polyurethanes lacquers with Pearl structure.

Area of application:

For hard-wearing surfaces in interiors, such as such as kitchens, bathrooms, office furniture, tables, etc.

Usage time:

1 working day at 20 °C

Pot life:

1 working day at 20 °C

Sample process:

Bathroom furniture, Pearl structure, fine white:

- Substrate material deep-milling MDP
- Edge and profile sanding, grain 150
- Pre-prime edges and apply a further full primer coat of 150 - 200 g/m² of FANTASTIC-FILL DP 4755-9343 to edges and surfaces
mixing ratio (by volume) 10 : 1 with PU Hardener DR 4071
thinned with 10 – 20 % PU Thinner DV 4900
- Dry for 3 - 4 hours
- Intermediate sanding grain 220 - 280
- Repeat priming process



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- Dry for at least 16 hours at 20 °C
- Lacquer sanding, grain 220 - 320
- Apply one finishing coat of 100 - 150 g/m² of UNA-COLOR Pearl structure fine DB 42214-(colour tone)
mixing ratio (by volume) 10 : 1 with PU Hardener DR 4070
for higher loads also 5 : 1
- dust-dry after 15 - 20 minutes
- packable after drying for at least 16 hours at 20 °C

Technical data:

- Delivery condition: liquid
- Colour tone: available in many colour tones
- Gloss level: semi-matt
- Supply viscosity: 41 - 50 sec/4 mm/20 °C depending on the colour tone
- Non-volatile component: 30 - 43 % lacquer after mixing, depending on the colour tone
- Density: 0.9 - 1.1 kg/l depending on the colour tone
- Flashpoint: > 21 °C
- Shelf life: 26 weeks in original sealed container
- Storage temperature: 16 - 25 °C
- Storage class as per German Industrial Health and Safety Regulations (BetrSichV): flammable

Safety information:

Please observe the latest version of the safety data sheet!

Usage instructions:

- Apply one coat of 100 - 150 g/m² Pearl structure to suitable substrates, depending on the desired surface effect.
- The application quantity, nozzle size, air pressure, spraying technique and addition of thinner influence the effect!
- Ground treatment: graduated sanding of the suitable substrate, dust removal .

Application process:

- Spraying:
Cup gun
Nozzle size 2.0 - 2.5 mm
Spray pressure 2.5 - 3.5 bar
- Spraying with airless/airmix:
possible



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Drying:

- Can be sanded after 2 - 3 hours depending on application quantity, lacquer temperature and temperature of surroundings, application process and substrate material, application of a top coat after 1 - 2 hours possible with suitable PU coating lacquers without intermediate sanding.
- Stackable after 12 - 16 hours
- Forced drying up to 40 °C possible

Recoatability:

- For surfaces completely resistant to metallic rings and/or for better cleaning of the surface, particularly with a coarse pearl structure, we recommend clear top coating with e.g. DE 4259x(gloss level) or FANTASTIC-CLEAR DE 4877x(gloss level).
- To achieve special effects, in particular a medium and fine pearl effect, it is also possible to apply a final coat of e.g. metallic lacquers with a DU 45457-99012 or DU 45457-99015 base.

Special instructions:

- Do not work with polyurethane lacquers at material or room temperatures below 18 °C.
- In order to avoid adhesion problems, please freshly sand polyurethane lacquered surfaces before applying the top coating.
- Please apply a test coat under real conditions.

Note:

This information is for advice and is based on the best knowledge available and careful research in line with current state of the art practice. This information cannot be held as legally binding. We also refer you to our terms and conditions of business.

The Material Safety Data Sheet according to the regulation (EC) No. 1907/2006 is available.