
Effects: raindrop effect

Products required:

- PU Isolating filler DP 491-9343
- UNA-COLOR DB 555-(base tone)
- UNA-COLOR DB 555-(shading colours)
- Water
- possibly DZ 4995-(colour tone)
- PU Acrylic brilliant lacquer DU 45229

Caution: Please observe the precise addition of Hardeners and Thinners in the information below.

Description/features:

Impressive effect that mimics a paint surface wetted with water drops.

Areas of use:

Unusual, creative accents for surfaces in interior design, such as office furniture, tables, etc. Specifically to use on dark full tones, such as dark blue, dark green or black; also suitable as a rear glass paint after previously priming with glass lacquer primer DG 4744 (coating procedure in reverse order).

Sample process:

Step 1:

- Sand down priming foil, laminated chipboard or MDF surfaces well
- Prime with one coat of 150 - 200 g/m² PU Isolating filler DP 491-9343 mixing ratio (by volume) 4 :1 with PU Hardener DR 405 thinned with 10 % PU Thinner DV 490
- Dry for at least 16 hours at 20°C
- 280 - 320 abrasive grain
- Apply one coat of 100 - 150g/m² of UNA-COLOR DB 555-(base tone) mixing ratio 10 : 1 with PU Hardener DR 470 thinned with 10 % PU Thinner DV 490
- Dry for 2 hours at 20 °C
- continue without intermediate sanding

Step 2:

- Apply one coat of water evenly with the cup gun, a 2 mm nozzle and low pressure; immediately afterwards, mist each droplet on one side (cup gun, 1.2 - 1.5 mm nozzle) one side light, other side dark, so that the drops are shown three-dimensionally

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Example:

One side with UNA-COLOR DB 555-102 black

mixing ratio 1 : 5 with PU Thinner DV 490

Then harden this mixture of coloured lacquer and Thinner 1 : 1 with PU Hardener DR 470.

Rotate surface through 180°

Other side with Hesse metallic colour concentrate DZ 4995-99042 silver,

mixing ratio 1 : 1 thinned with DV 490

or optionally

DZ 4995-99211 red

DZ 4995-99212 green

DZ 4995-99210 gold

DZ 4995-99042 silver

Store horizontally

Dry for at least 16 hours at 20 °C

Step 3:

- The best depth effect is achieved with a top coat of brilliant lacquer!
- Apply two top coats of 100 - 120 g/m² each of DU 45229 PU Acrylic brilliant lacquer, for example, leaving 10 - 60 minutes between coats
mixing ratio 2 : 1 with PU Hardener DR 4005
thinned with 40 % PU Thinner DV 4935
- If required, it can be polished to a high gloss after just 24 hours, preferably 72 hours of complete hardening.

Information on use and safety:

Please observe the latest technical information and safety data sheets for the individual products listed.

Special instructions:

- The nozzle size and distance from the substrate material affect the size of the droplets.
- This effect can only be achieved on horizontal, flat surfaces (no round edges).
- The surfaces must be stored horizontally.
- Shade each droplet with a reduced spray pressure (0.5 - 1.5 bar) from the side, at as shallow an angle as possible.
- Polyurethane lacquers should not be used or dried at product or room temperatures below 18 °C.
- In order to avoid adhesion problems, polyurethane lacquered surfaces should be freshly sanded before applying the top coating.
- Please conduct a test coat!

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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.