



Effects: HYDRO Ornamental effect

Products required:

- COOL-COLOR HB 65285-(colour tone)
- HYDRO Ornamental additive HZ 78
- (Over) pressure cup gun
- Brush or other suitable tools
- Wiping stain (e.g. Hesse HYDRO Wiping stain TW 4130-7040)
- COOL-TOP HE 6509x(gloss level) or HYDRO-PUR PRIMO HDE 5400x(gloss level), mixing ratio 10 : 1 with HDR 5091)

Description/features:

This method uses simple means to achieve an ornamental/brushed lacquer effect. It is also advantageous that you can achieve this effect on almost every substrate material on which HYDRO colour lacquer can be applied. The resulting effect can be appropriately varied by adopting various creative working methods. As you are working quickly and easily with standard Hesse products, the result is visible within a short period of time. Furthermore, the effect can be adapted with appropriate creativity. Thus, every surface becomes a high quality, innovative and individual piece.

Fields of application:

Furniture and interior fittings.

Practical suggestions:

- Sand the selected substrate material well (e.g. FPY or MDF priming foil or melamine-mastic foil). We recommend sanding with 150 - 240 grit. Depending on the desired effect, we recommend using an initial primer on bare MDF surfaces and edges in order to achieve a homogenous base.
- The drying time for this primer coat is ideally over night at 20 °C room temperature. Then sand with 280 - 400 grit directly before further coating.
- Next apply COOL-COLOR HB 65285-(colour tone), adding 25 - 30 % of HYDRO Ornamental additive HZ 78 depending on the desired ornamental structure. Mix in this additive with a stirring stick until it is homogeneously distributed. Please ensure that no air is incorporated into the lacquer if you use an electric mixer; therefore set it to slow (exception: see under hints and tips)!
- Apply 120 - 150 g/m² of this prepared colour lacquer mixture to the substrate material using an (over) pressure cup gun.
- Depending on the size of the surface being coated, after 5 - 10 minutes drying at 20 °C room temperature use a brush or another tool to create the desired ornamental effect.
- Depending on how raised the ornamentation is, allow the surface to dry at least overnight (around 16 hours), better 48 hours at 20 °C room temperature.
- The ornamentation can then be appropriately accentuated with a wiping stain, such as Hesse HYDRO Wiping stain TW 4130-7040.



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- Allow the surface to dry for around 1 - 2 hours.
- Then sand for effect and remove the sanding dust accordingly.
- Finally finish the surface either with COOL-TOP HE 6509x(gloss level) or Hesse HYDRO-PUR PRIMO HDE 5400x(gloss level), mixing ratio 10 : 1 with HDR 5091.

Hints and tips for creative effects:

- By intentionally stirring air into the pigment filler (fast stirring with an electric mixer) you achieve surfaces that dry out to be bubbly/foamy. When these surfaces are sanded you achieve crater-like depressions. These are appropriately emphasised by the stain.
- The base tone conforms to the colour tone of the colour lacquer used. This can be further nuanced if necessary by adding Hesse HYDRO pigment concentrates (e.g. HFM 985, black). Maximum added quantity 5 %.
- Further variations result from using a different colour of wiping stain.
- Additional background structures can be developed using different sanding methods (hand sanding with sandpaper, sponge, etc. or machine sanding with an orbital sander, etc.).
- Different patina effects can also be achieved with effect accentuation of the stain using a gauze rag or a sponge.

Handling and safety information:

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

Special instructions:

- Please follow the precise specifications for hardeners and any other additives as well as the drying times. Pay attention to careful stirring or mixing in of all necessary components.
- To avoid adhesion problems, HYDRO lacquered surfaces should be freshly sanded on the next day before the finish is applied.
- Each prepared surface is a unique piece!
- Please conduct a sample coating under real conditions.



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Note:

This information is advisory and is based on the best currently available knowledge and current state-of-the-art technology. This information is not legally binding. We also refer you to our Terms and Conditions.

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