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## Effects: HYDRO nap effect

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### Products required:

- HYDRO Nap lacquer HB 65080-(colour tone)
- (Over) pressure cup gun

### Description:

You can use this simple spraying method to achieve a surface with irregular protrusions that can be seen and felt. The advantage here is that this effect is self-forming after the spray applications and does not subsequently have to be worked. It can be created on all substrate materials on which HYDRO colour lacquer can be used. The effect can be appropriately varied by adopting various creative working methods. 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 use a cup gun to evenly spray HYDRO Nap lacquer HB 65080-(colour tone) in the desired colour tone for the substrate and thinned with 20 % water (if necessary with added Hesse Optimizer HZ 70) at 120 - 150 g/m<sup>2</sup> to create a colouring coat.

This surface should be left to dry for a minimum of 6 and a maximum of 16 hours at 20 °C room temperature.

The surface is not to be sanded!

Then use a pressure cup gun to apply HYDRO Nap lacquer HB 65080-(colour tone) in the desired nap colour tone. The nap structure is determined by the spray parameters.

Depending on the size and condition of the nap structure applied, the surface must be left to dry overnight (around 16 hours) better 24 hours at 20 °C room temperature.

### Hints and tips for creative effects:

The type of surface achieved is mainly caused by the process of applying the nap.

Bear in mind the following relationships:

The more viscous the nap lacquer, the more raised the nap will dry.

The higher the spray pressure, the lower the nap will develop.

The smaller the diameter of the spray nozzle, the lower the nap will develop.

Further impact options are offered by the way the gun is directed during nap application (speed and distance from the workpiece, etc.).

Special colour effects can be achieved by using different colour tones for the base tone and the nap.



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Hesse COOL-COLOR HB 65285-(colour tone) can also be used to create the coat that provides the base tone.

HYDRO colour lacquers can be further nuanced if necessary by adding Hesse HYDRO pigment concentrates (e.g. HFM 985, black). Maximum added quantity: 5 %.

### **Handling and safety information:**

Please refer to the current versions of the technical information and safety data sheets for details on the materials mentioned.

### **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.

### **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.