



---

## Effects: magnetic coating

---

### Products required:

- UNA-COLOR DB 45245-100
- Magnetic paste EL 460-0051
- UNA-COLOR DB 45245-(colour tone)

Please also refer to the TIs for each product.

### Description/features:

- Magnetic filler for producing decorative magnetic surfaces.
- On account of the risk of sedimentation of the iron powder, the magnetic filler DP 4774-77777 is mixed freshly from: 1 part by volume of DB 45245-100 + 1 part by volume of EL 460-0051

### Areas of use:

Interiors, furniture.

### Sample process:

#### Magnetic wall for children's furniture

- MDF board substrate material
- Prime with two or three coats of 250 - 400 g/m<sup>2</sup> magnetic filler DPM 4774-77777, leaving 60 -120 minutes between coats  
mixing ratio 5 : 1 with PU Hardener DR 4070
- Dry for at least 16 hours
- Intermediate sanding grain 220
- Prime with two or three coats of 250 - 400 g/m<sup>2</sup> magnetic filler DPM 4774-77777, leaving 60 -120 minutes between coats  
mixing ratio 5 : 1 with PU Hardener DR 4070
- Dry for at least 16 hours at room temperature 20 °C
- Intermediate sanding
- If required, depending on the desired effect, apply another coat of primer, see above, plus drying, plus sanding
- Intermediate sanding grain 320
- Apply two top coats of UNA-COLOR DB 45245-(colour tone), with intermediate sanding grain 320  
mixing ratio 10 : 1 with PU Hardener DR 4070  
Dry for at least 16 hours at room temperature 20 °C
- Application only possible with cup gun! The addition of thinner must be adjusted according to the object to be coated and the nozzle selected.

### Information on use and safety:

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



## Effects: magnetic coating

---

### Special instructions:

- The magnetic effect is dependent on the application quantity of the magnetic filler and the strength of the magnet used.
- The iron pigments in the magnetic filler sediment out very markedly after just a short space of time on account of their high specific weight.  
Please therefore use only freshly mixed material composed of DB 45245-100 and EL 460-0051, mixing ratio 1 : 1 parts by volume
- Polyurethane lacquers should not be used or dried at product or room temperatures below 18 °C.
- In order to avoid adhesion problems, please freshly sand polyurethane lacquered surfaces before applying the next coating and apply lacquer to the sanded surfaces as soon as possible.
- Complete hardening of the coating is achieved after one week in correct storage conditions (at least 20 °C room temperature).
- Please make 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 the current state of the art. 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.