

## Metallic powder coatings

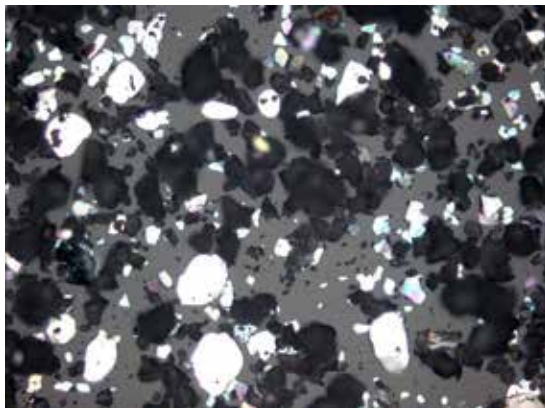
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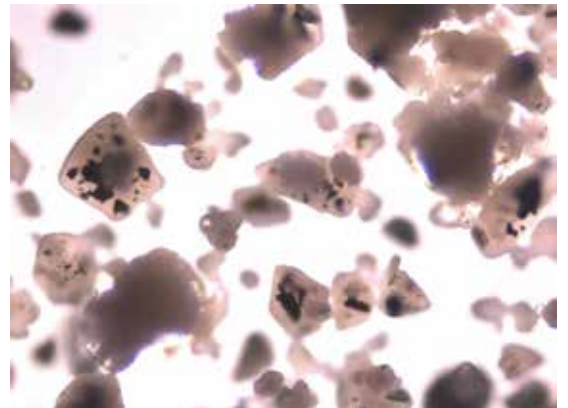
# Metallic powder coatings - Very expressive due to different effects.

**FreiLacke metallic powder coatings** Metallic powder coatings are used both indoors and outdoors with different requirement profiles and surfaces (e.g. gloss, structure). They arise from light reflection, light absorption and mirroring of the effect pigments contained in the coating. Different colours and/or effect impressions are achieved through type, quantity and alignment.  
In our own bonding laboratory and in close collaboration with our finishers, we develop new colour shades and set new trends together with you.

**The manufacture of metallic powder coatings** FreiLacke manufactures these products in different processes. The effect pigments are added or bonded. Our bonded products are distinguished by excellent circulation stability with higher colour and effect consistency.



Microscope image: Non-bonded powder coating



Microscope image: Bonded powder coating

**A large selection of metallic powder coatings** Our many years of experience in the manufacture and sales of metallic powder coatings allows us to serve you from a wide range of products. We are able to present you with all possible variants from our powder coating sample case.



**Colour trends in metallic powder coatings** Thanks to the intensive collaboration with our pigment manufacturers, we are able to show you new trends in the field of effect coatings. We present them by means of numerous product examples from the annually updated Trend Colour catalogue.

# Design, expression, requirement - Sparkling prospects with metallic powder.

**Outlook** It is expected in the field of architecture that metallic effects, which are already used in more than one third of applications, will continue to increase in the near future. New vehicle registrations show that the colour black has maintained its level, silver has lost share to white and the trend for brown is continuing. Brown shades such as mocca or bronze are still on the upswing. The progressive trend from silver towards pearl white is also confirmed to us by our customers in the field of functional furniture and storage technology.

**Technical training courses metallic powder coatings**



In order to learn about the specifics involved in processing and application, we offer a special "Metallic powder coatings" technical training course. Detailed information on this with the training program and registration form can be found on the Freilacke website at <http://www.freilacke.com/service/training/>.



**Metallic powder coatings for various fields of use and applications**

The metallic powder coatings from Freilacke are used in all industries. These were developed to the high requirements of our customers in close collaboration with our effect pigment manufacturers. In addition to the effect, a wide range of different criteria (smoothness, brilliance, flop, homogeneity, circulation behaviour, abrasion resistance, scratch resistance, chemical resistance, etc.) were taken into account and tested.



**Advice and application engineering**

Prior to any use of a new metallic powder coating, we recommend discussing all requirements and processing parameters with your contact partners from Sales and Application Engineering. The more precisely we know the requirements, the better a product can be created or selected to meet the requirements. We also advise carrying out sample coatings. High requirements for cleanability, chemical resistance and protection from mechanical influences can be improved by suitable, transparent overpainting.



# Short order throughput times.

## Warehousing, service and download.

**Warehousing** Numerous in-stock products in different metallic colours, effects, levels of gloss, qualities (including GSB/Qualicoat) and surfaces are available for short-term needs.

**Logistics** Short order throughput times

In-stock products in Germany within 24 hours (standard delivery time) upon acceptance of order

- from 100 kg by 13:30 (Monday – Thursday)  
by 10:30 (Friday)
- to 75 kg by 15:00 (Monday – Thursday)  
by 11:30 (Friday)

Dispatch of order-related production between 5 and 12 days (depending on the coating system and area)

- Metallic production: 12 working days



**Development** Dispatch of sample powder reorders in the metallic area in the short-term are aimed for.

**On the Internet** Further technical information on our metallic powder coatings can be found on the FreiLacke website at <http://www.freilacke.com/service/download/technical-information/> in the "Powder coatings" directory.



Are you interested? Please contact our experts.

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