

Technical Information Zinc Powder Paint



DUPLI-COLOR Zinc Powder Paint is a thick film corrosion protection for handicraft and industry. Suitable for steel, zinc coated steel parts, copper, aluminium such as piping, metal facades, hall constructions, street lamps, balustrades etc.

Quality and properties

- high-solid coating product
- low in solvents
- high corrosion-protections even on hand-derusted steel
- brittleness stable and stable to chalking
- good colour retention (even in chemical aggressive atmosphere)

Physical and chemical data

- **Basis of the binder:** Zinc powder paint with 99,5 % zinc in the dry film
- **Colour:** graphite-grey
- **Degree of gloss** (at measurement angle 60° acc. to DIN 67530): not relevant
- **Efficiency:** approx. 240 - 300 g per paint coat per m², depending on layer thickness. For an exact calculation we recommend a trial coating.
- **Drying time (at 20°C, 60% relative air humidity):**
Dust-dry: after approx. 4-5 hours
Dry to touch: after approx. 10 hours
Coatable after 24 hours
The drying time depends on surrounding temperature and air humidity.
- **Best working temperature and object temperature:** Object temperature min. 5°C
- **Cleaning of tools:** immediately after use with zinc cleaner
- **Storage stability:** 5 years if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%) in the unopened original container. Do not store below 5°C
- **Size:** metal tins 250 ml

Environment and labelling

Environmentally sound: European Aerosols is committed to apply formulations without restricted or critical ingredients and to achieve best possible performance. The caps and packagings are made of recyclable material.

Disposal: Only the completely emptied cans should be put into the recycling skip or appropriate container for reclaimable refuse. Cans which are not empty should be disposed off as "special refuse".

Marking/Labelling: All products made by European Aerosols comply with the actual labelling regulations according to Preparation Guideline 1999/45/EG. All aerosols correspond to TRGS 200 and TRG 300 as well as to aerosol guideline 75/324/EWG in the actually valid version.

Using instructions

Before use, carefully read and observe the warning texts on the label!

- Remark: test compatibility with existing old paintings by a sample coating. Depending on method of application there may occur colour differences.
- Suitable grounds are bearing, dry, rust-free and clean surfaces, which are free from releasing substances. We recommend to consider the VOB, part C, DIN 18363.
- Zinc Powder Paint is adjusted brushable.
- Before use, carefully stir up.
- In order to achieve the high layer thickness, apply undiluted.
- Optimal layer thickness will be achieved by brushing.
- Hand-derusted areas 3 x, all other surfaces should be coated 2 x.
- Minimum layer thickness 80 µm per layer if undiluted.

Order information

Disclaimer of liability

This application-technological information is given to the best of our knowledge. The notes mentioned herein are, however, non-binding and do not exempt you from own tests to see whether the products supplied by us are suitable for your special application. The use and processing is beyond our control and therefore exclusively in the responsibility of the user. European Aerosols is let off the liability, unless the liability-based incident is caused by a fault incurred to European Aerosols.

As of April 11, 2018

This release replaces all eventually earlier issued versions.

Print date: 03.05.2024

European Aerosols | Wolfraamweg 2 | 8471 XC Wolvega | NL | info-nl@european-aerosols.com

